STR-DE997

SERVICE MANUAL

US Model
Canadian Model

Ver 1.1 2004. 10

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SPECIFICATIONS

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:
(Models of area code US only)
With 8 ohm loads, both channels driven, from 20 – 20,000 Hz; rated 110 watts per channel minimum RMS power, with no more than 0.09 % total harmonic distortion from 250 milliwatts to rated output.

Amplifier section

Power Output
Rated Power Output at Stereo Mode
(8 ohms 20 Hz – 20 kHz, THD 0.09 %)
110 W + 110 W [1)]
Reference Power Output [1)]
(8 ohms 20 Hz – 20 kHz, THD 0.09 %)
FRONT [2)] : 110 W/ch
CENTER [2)] : 110 W
SURR [2)] : 110 W/ch
SURR BACK [2)] : 110 W/ch or 110 W

(8 ohms 1 kHz, THD 0.7 %)
FRONT [2)] : 120 W/ch
CENTER [2)] : 120 W
SURR [2)] : 120 W/ch
SURR BACK [2)] : 120 W/ch or 120 W

1) Measured under the following conditions:
120 V AC, 60 Hz
2) Depending on the sound field settings and the source, there may be no sound output.

Frequency response

PHONO	RIAA equalization curve ±0.5 dB
MULTI CH IN (1, 2), SA-CD/CD, TV/SAT, MD/TAPE, DVD, VIDEO 1, 2, 3	10 Hz – 70 kHz +0.5/–2 dB (with sound field and equalizer bypassed)

Inputs (Analog)

PHONO	Sensitivity: 8 mV Impedance: 50 kiloohms S/N [3)] : 86 dB (A, 8 mV [4)])
MULTI CH IN (1, 2), SA-CD/CD, TV/SAT, MD/TAPE, DVD, VIDEO 1, 2, 3	Sensitivity: 500 mV Impedance: 50 kiloohms S/N [3)] : 96 dB (A, 500 mV [4)])

3) INPUT SHORT (with sound field and equalizer bypassed).
4) Weighted network, input level.

– Continued on next page –

FM STEREO/FM-AM RECEIVER

9-879-058-02
2004J04-1
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Sony Corporation
Audio Group
Published by Sony Engineering Corporation

SONY®

Inputs (Digital)	
DVD, SA-CD/CD (Coaxial)	Sensitivity: – Impedance: 75 ohms S/N: 100 dB (A, 20 kHz LPF)
TV/SAT, SA-CD/CD, MD/TAPE, VIDEO 3 (Optical)	Sensitivity: – Impedance: – S/N: 100 dB (A, 20 kHz LPF)

Outputs (Analog)	
MD/TAPE (OUT), VIDEO 1, 2 (AUDIO OUT)	Voltage: 500 mV Impedance: 10 kiloohms
SUB WOOFER	Voltage: 2 V Impedance: 1 kiloohms

Outputs (Digital)	
MD/TAPE (Optical)	Sensitivity: –

Equalizer	
Gain levels	±10 dB, 0.5 dB step

FM tuner section

Tuning range	87.5 – 108.0 MHz
Antenna	FM wire antenna
Antenna terminals	75 ohms, unbalanced
Intermediate frequency	10.7 MHz
Sensitivity	
Mono:	18.3 dBf, 2.2 μV/75 ohms
Stereo:	38.3 dBf, 22.5 μV/75 ohms
Useable sensitivity	11.2 dBf, 1 μV/75 ohms
S/N	
Mono:	76 dB
Stereo:	70 dB
Harmonic distortion at 1 kHz	
Mono:	0.3%
Stereo:	0.5%
Separation	45 dB at 1 kHz
Frequency response	30 Hz – 15 kHz, +0.5/–2 dB
Selectivity	60 dB at 400 kHz

AM tuner section

Tuning range	
With 10-kHz tuning scale:	530 – 1,710 kHz [5)]
With 9-kHz tuning scale:	531 – 1,710 kHz [5)]
Antenna	Loop antenna
Intermediate frequency	450 kHz
Usable sensitivity	50 dB/m (at 1,000 kHz or 999 kHz)
S/N	54 dB (at 50 mV/m)
Harmonic distortion	0.5 % (50 mV/m, 400 Hz)
Selectivity	
At 9 kHz:	35 dB
At 10 kHz:	40 dB

5) You can change the AM tuning scale to 9 kHz or 10 kHz. After tuning in any AM station, turn off the receiver. While holding down PRESET TUNING + or TUNING +, press **I**/⏻. All preset stations will be erased when you change the tuning scale. To reset the scale to 10 kHz (or 9 kHz), repeat the procedure.

Video section

Inputs/Outputs	
Video:	1 Vp-p, 75 ohms
S-video:	Y: 1 Vp-p, 75 ohms C: 0.286 Vp-p, 75 ohms
COMPONENT VIDEO:	Y: 1 Vp-p, 75 ohms PB/CB/B-Y: 0.7 Vp-p, 75 ohms PR/CR/R-Y: 0.7 Vp-p, 75 ohms
80 MHz HD Pass Through	

General

Power requirements	120 V AC, 60 Hz
Power consumption	

Area code	Power consumption
US	310 W
CND	420 VA

Power consumption (during standby mode)	0.3 W (when “POWER SAVE” in the CUSTOMIZE menu is set to “ON”)
AC outlets	2 switched, 120 W/1A MAX
Dimensions (w/h/d) (Approx.)	430 × 157.5 × 371 mm (16 7/8 × 6 2/8 × 14 5/8 inches) including projecting parts and controls
Mass (Approx.)	10.7 kg (23 lb 10 oz)

Supplied accessories
- FM wire antenna (1)
- AM loop antenna (1)
- Remote commander RM-LG113 (1)
- R6 (size-AA) batteries (2)

Design and specifications are subject to change without notice.

- Abbreviation
  CND : Canadian model

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage.
Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers.). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

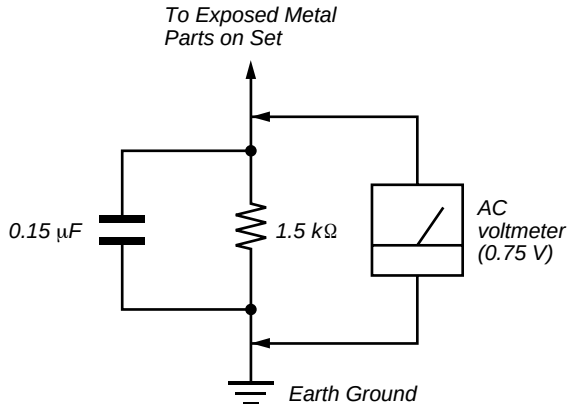
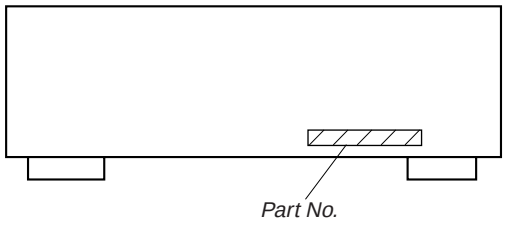


Fig. A. Using an AC voltmeter to check AC leakage.

MODEL IDENTIFICATION
— BACK PANEL —



MODEL	PART No.
US	4-252-935-5☐
CND	4-252-935-6☐

- Abbreviation
  CND: Canadian model

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

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List of button locations and reference pages

How to use this page

Use this page to find the location of buttons and other parts of the system that are mentioned in the text.

Illustration number
↓
DISPLAY [8] (26, 59)
↑ Name of button/part ↑ Reference page

Main unit

ALPHABETICAL ORDER

A - I

A.F.D. (button/indicator) [15] (30, 33, 59)
DIMMER [9] (26)
DISPLAY [8] (26, 59)
Display [12] (26)
DVD (indicator) [29] (23)
ENTER [10] (17, 41, 60)
FM MODE [4] (24)
INPUT MODE [21] (36)
INPUT SELECTOR [23] (23, 24, 26, 36, 40, 41, 59)
IR (receptor) [3] (47, 60)

M - O

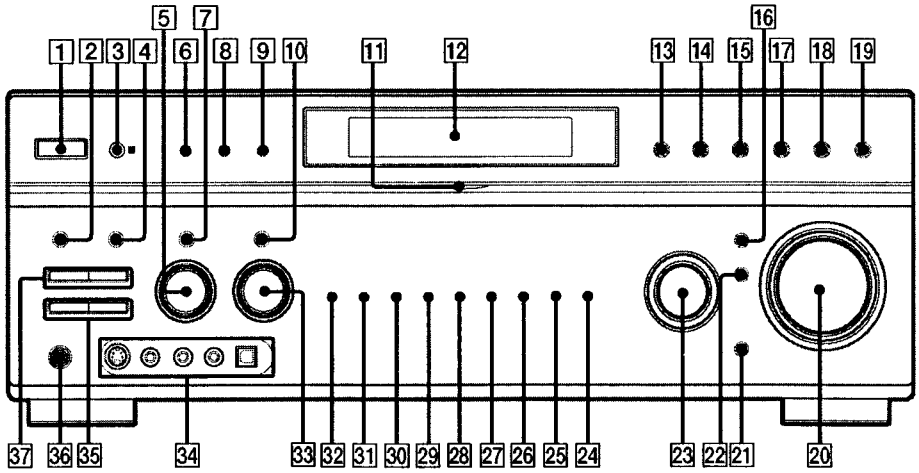
MAIN MENU [7] (18, 37, 38, 41)
MASTER VOLUME –/+ [20] (21, 23, 58)
MD/TAPE (indicator) [27] (23)
MEMORY [2] (25)
MENU [5] (18, 37, 38, 41)
MOVIE (button/indicator) [17] (31, 32, 59)
MULTI CHANNEL DECODING (indicator) [11] (24)
MULTI CH IN/DIRECT [13] (24)
MUSIC (button/indicator) [18] (32, 59)
ON SCREEN [22] (13)

P - Z

PHONES (jack) [36] (23, 58)
PHONO (indicator) [24] (23)
PRESET TUNING +/– [37] (25, 62)
SA-CD/CD (indicator) [26] (23)
SPEAKERS (OFF/A/B/A+B) [6] (16, 42, 58)
SURR BACK DECODING [19] (33)
TUNER FM/AM (indicator) [25] (23)
TUNING +/– [35] (24, 62)
TV/SAT (indicator) [28] (23)
VIDEO 1 (indicator) [32] (23)
VIDEO 2 (indicator) [31] (23)
VIDEO 3 (indicator) [30] (23)
VIDEO 3 INPUT (jacks) [34] (13)

NUMBERS AND SYMBOLS

2CH (button/indicator) [14] (29, 33, 38)
2ND ZONE [16] (43)
I/⏻ (power) [1] (17, 18, 21, 38, 60, 62)
–/+ [33] (18, 37, 38, 41)



Additional Information

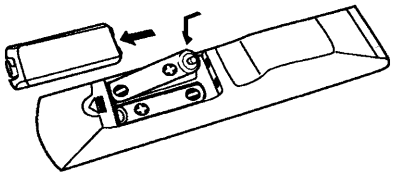
Operations Using the Remote RM-LG113

You can use the remote RM-LG113 to operate the components in your system.

Before you use your remote

Inserting batteries into the remote

Insert R6 (size-AA) batteries with the + and – properly oriented in the battery compartment. When using the remote, point it at the remote sensor ■ on the receiver.



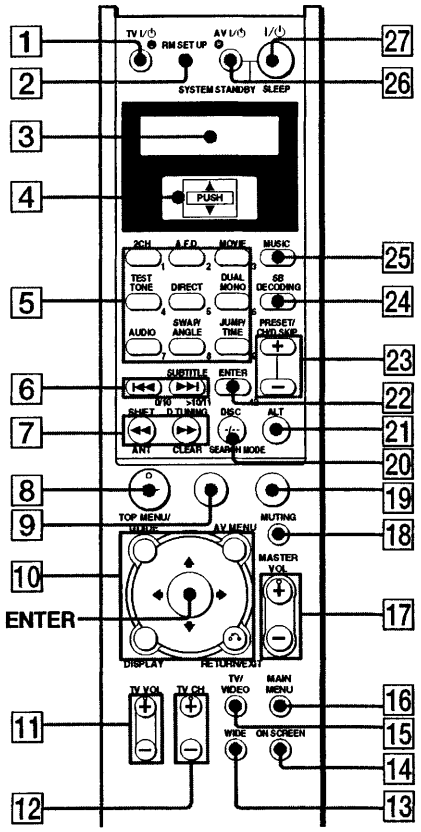
Tip

Under normal conditions, the batteries should last for about 6 months. When the remote no longer operates the receiver, replace all batteries with new ones.

Notes

- Do not leave the remote in an extremely hot or humid place.
- Do not use a new battery with an old one.
- Do not expose the remote sensor to direct sunlight or lighting apparatuses. Doing so may cause a malfunction.
- If you do not use the remote for an extended period of time, remove the batteries to avoid possible damage from battery leakage and corrosion.

Remote button description



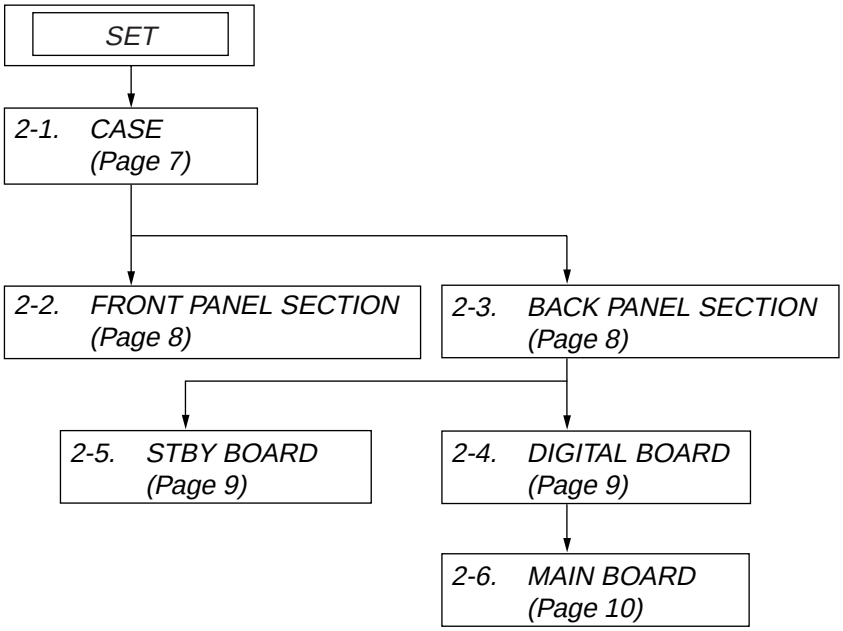
The tables below show the settings of each button.

Remote Button	Operations	Function
A.F.D. 5	Receiver	Selects the decoding mode for audio sound.
ALT 21	Remote	When ALT button lights up, it changes remote key function to activate those buttons with orange printing.

continued

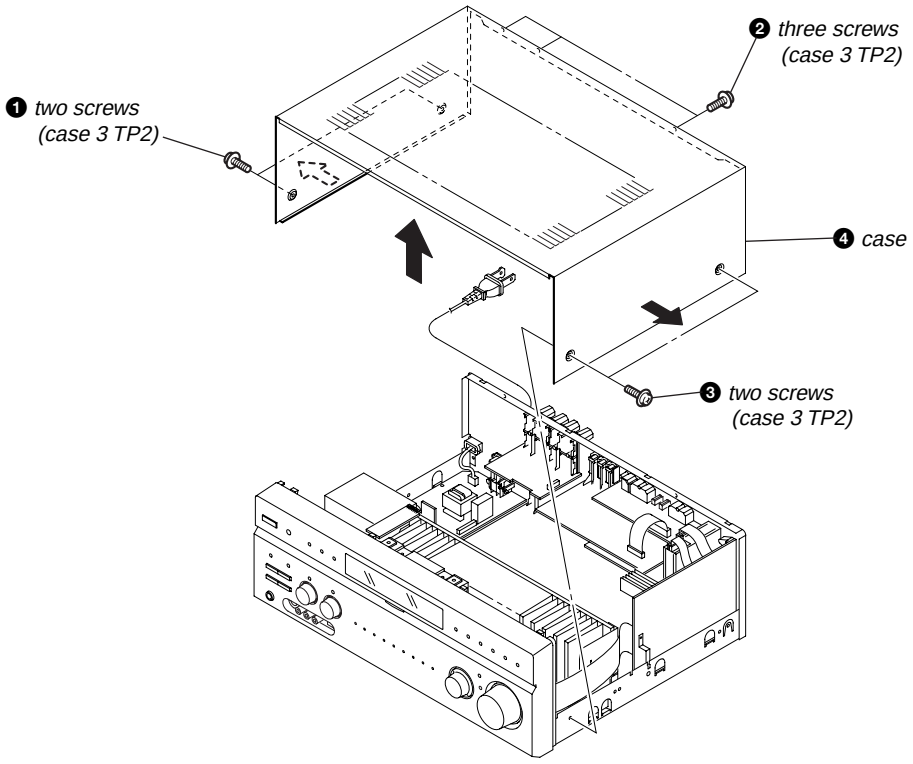
SECTION 2
DISASSEMBLY

Note : This set can be disassemble according to the following sequence.

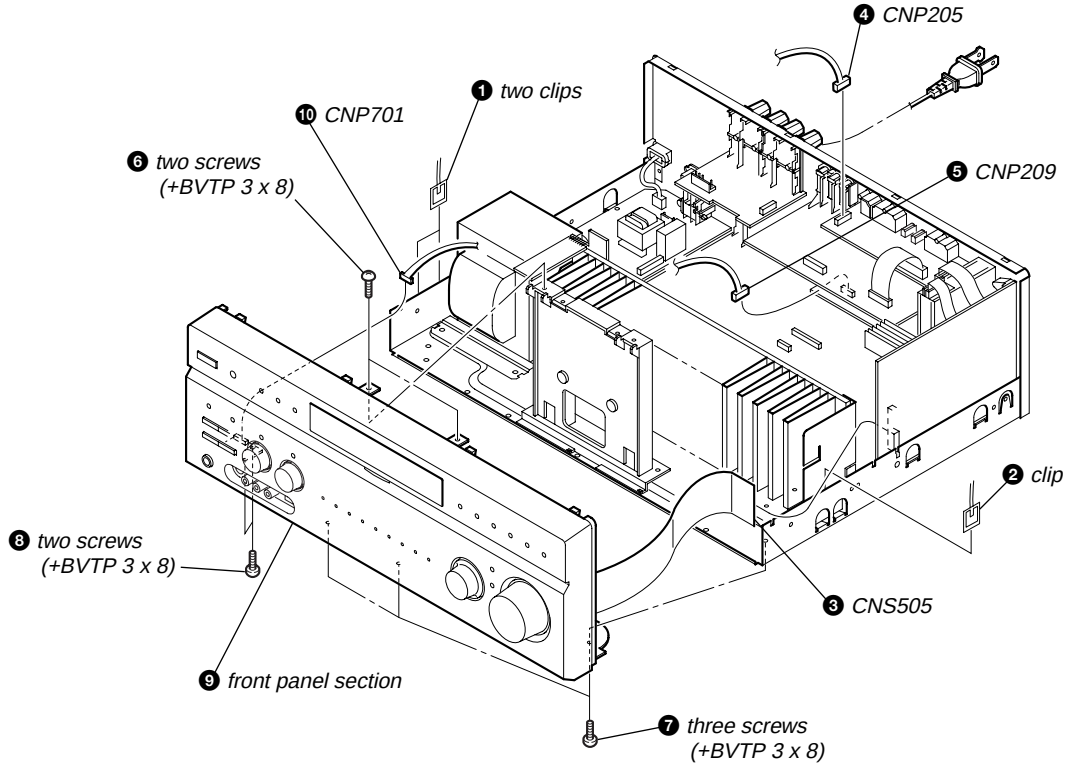


Note : Follow the disassembly procedure in the numerical order given.

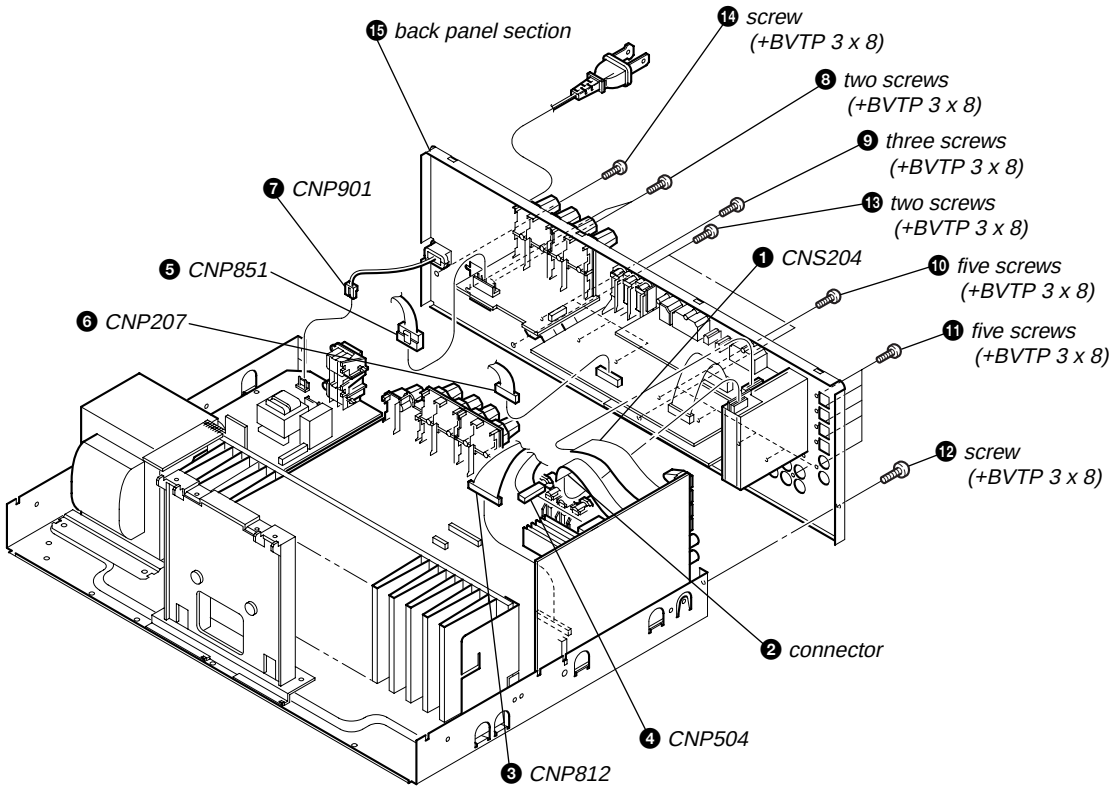
2-1. CASE



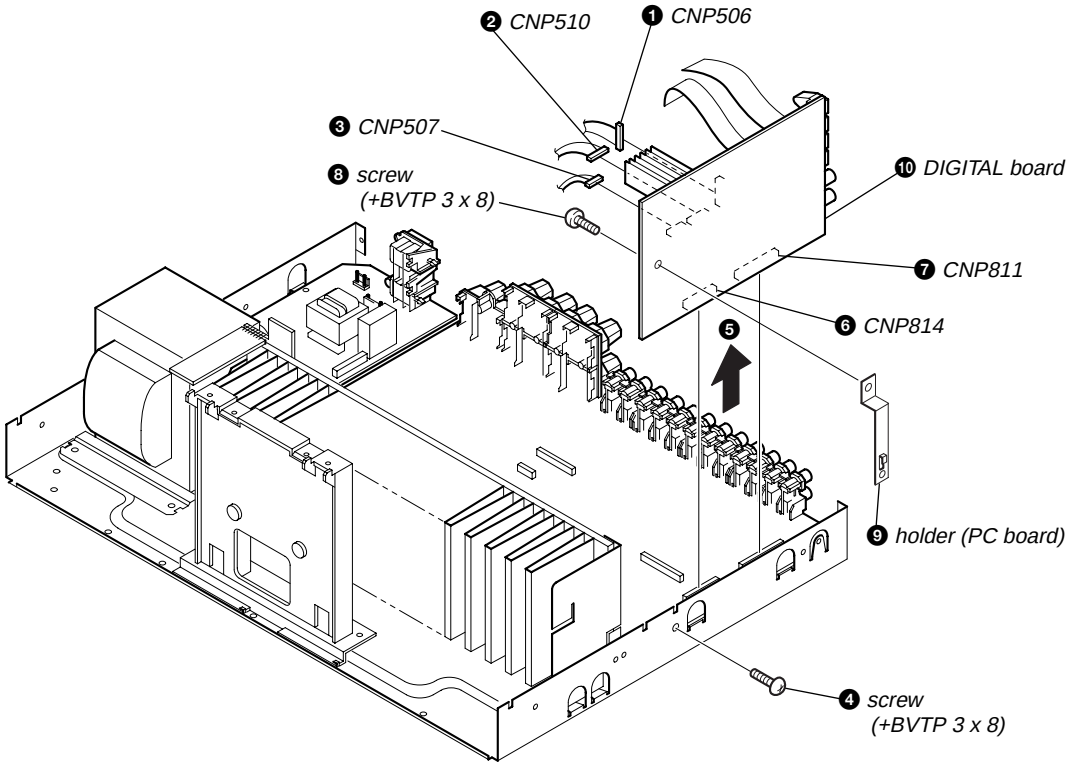
2-2. FRONT PANEL SECTION



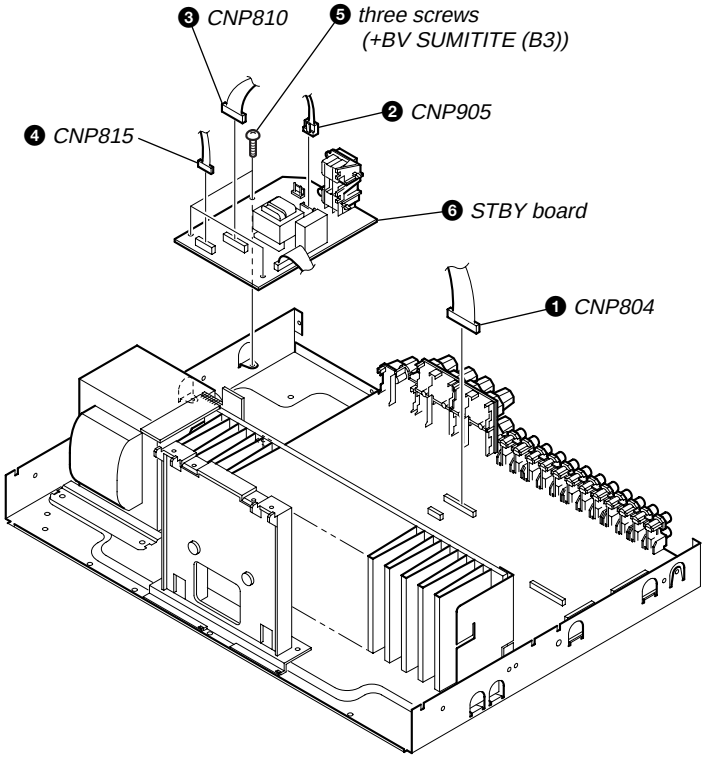
2-3. BACK PANEL SECTION



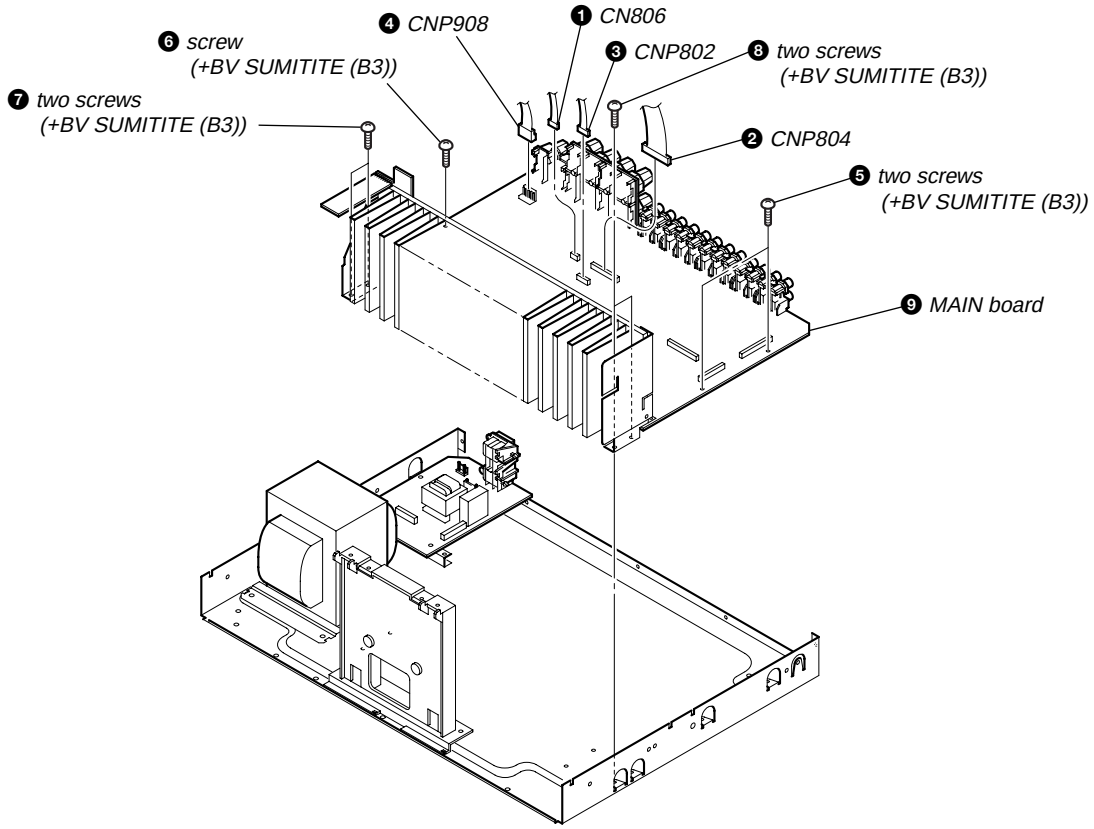
2-4. DIGITAL BOARD



2-5. STBY BOARD



2-6. MAIN BOARD



SECTION 3
TEST MODE

FACTORY PRESET MODE

* All preset contents are reset to the default setting.
* Procedure:
  While depressing the [FM MODE] and the [DISPLAY] buttons simultaneously, press the [I/⏻] button to turn on the main power.
  The message "FACTORY" appears for a moment and the present contents are reset to the default values.

AM CHANNEL STEP 9 kHz/10 kHz SELECTION MODE

* Either the 9 kHz step or 10 kHz step can be selected for the AM channel step.
* Procedure:
  Turn the [INPUT SELECTOR] control to set AM and press the [I/⏻] button to turn off the main power.
  While depressing the [PRESET TUNING +] button or the [TUNING +] button, press the [I/⏻] button to turn on the main power.
  Either the message "9k STEP" or "10k STEP" appears for a moment and select the desired step.

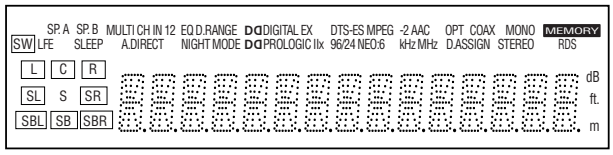
SPEAKER SIZE SELECTION MODE

* Either the normal speaker or micro satellite speaker can be selected.
* Procedure:
  While depressing the [DIMMER] button, press the [I/⏻] button to turn on the main power.
  Either the message "NORM. SP." or "MICRO SP." appears for a moment and select the desired speaker size.

VACUUM FLUORESCENT DISPLAY TEST MODE

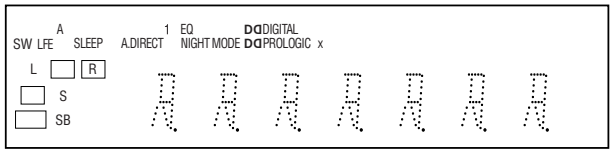
* All fluorescent segments are tested.
  When this test is activated, all segments light on at the same time, then each segment lights on one after another.
* Procedure:
  While depressing the [TUNING –] and the [SPEAKERS (OFF/A/B/A+B)] buttons simultaneously, press the [I/⏻] button to turn on the main power.

1. ALL segments light on.


SP.A SP.B MULTI CH IN 12 EQ D.RANGE DIGITAL EX DTS-ES MPEG -2 AAC OPT COAX MONO MEMORY
SW LFE SLEEP A.DIRECT NIGHT MODE PROLOGIC IIx 96/24 NEO:6 kHz MHz D.ASSIGN STEREO RDS
L C R
SL S SR
SBL SB SBR
dB
ft.
m

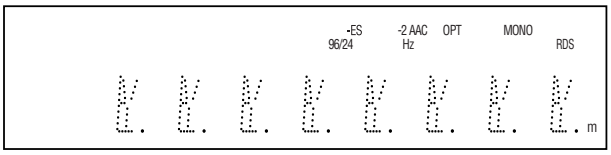
[2CH], [A.F.D.], [MOVIE], [MUSIC], [MULTI CHANNEL DECODING], [VIDEO 1], [VIDEO 2], [VIDEO 3], [DVD], [TV/SAT], [MD/TAPE], [SA-CD/CD], [TUNER FM/AM] and [PHONO] LED light on.

2. Turn the [INPUT SELECTOR] control by 1 step clockwise, confirm display.



[A.F.D.], [MUSIC], [MULTI CHANNEL DECODING], [VIDEO 2], [VIDEO 3], [TV/SAT], [SA-CD/CD] and [PHONO] LED light on.

3. Turn the [INPUT SELECTOR] control by 1 step clockwise, confirm display.



[2CH], [MOVIE], [VIDEO 1], [DVD], [MD/TAPE] and [TUNER FM/AM] LED light on.

4. Turn the [INPUT SELECTOR] control by 1 step clockwise, all segments and all LEDs light off.

5. Every turning the [INPUT SELECTOR] control turns on each segment and LED one after another in the same order.

SOUND FIELD CLEAR MODE

* The preset sound field is cleared when this mode is activated.
  Use this mode before returning the product to clients upon completion of repair.
* Procedure:
  While depressing the [2CH] button, press the [I/⏻] button to turn on the main power.
  The message "SF. INITIALIZE" appears for a moment and initialization is performed.

SOFTWARE VERSION DISPLAY MODE

* The software version is displayed.
* Procedure:
  While depressing the [TUNING –] and the [DISPLAY] buttons simultaneously, press the [I/⏻] button to turn on the main power.
  The model name, destination and the software version are displayed for a moment.

KEY CHECK MODE

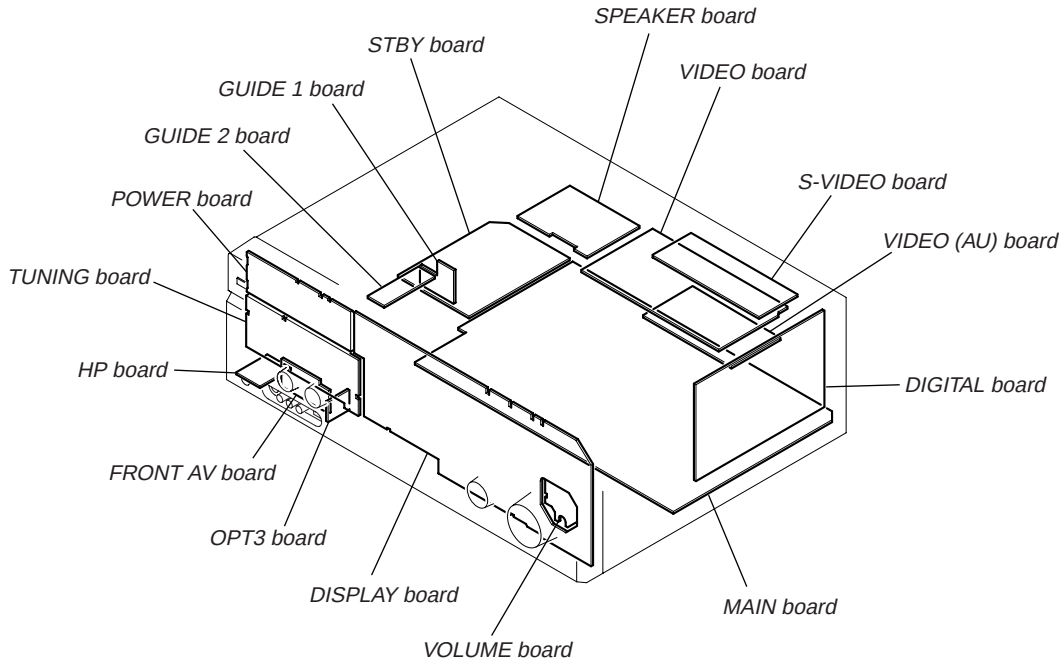
* Button check
* Procedure:
  While depressing the [TUNING –] and the [MAIN MENU] buttons simultaneously, press the [I/⏻] button to turn on the main power.
  Either the message "REST 20" appears.
  Every pressing of any button other than the [I/⏻] counts down the buttons. The buttons which are already counted once are not counted again. When all buttons are pressed "REST 00" appears.

COMMAND MODE SELECTION MODE

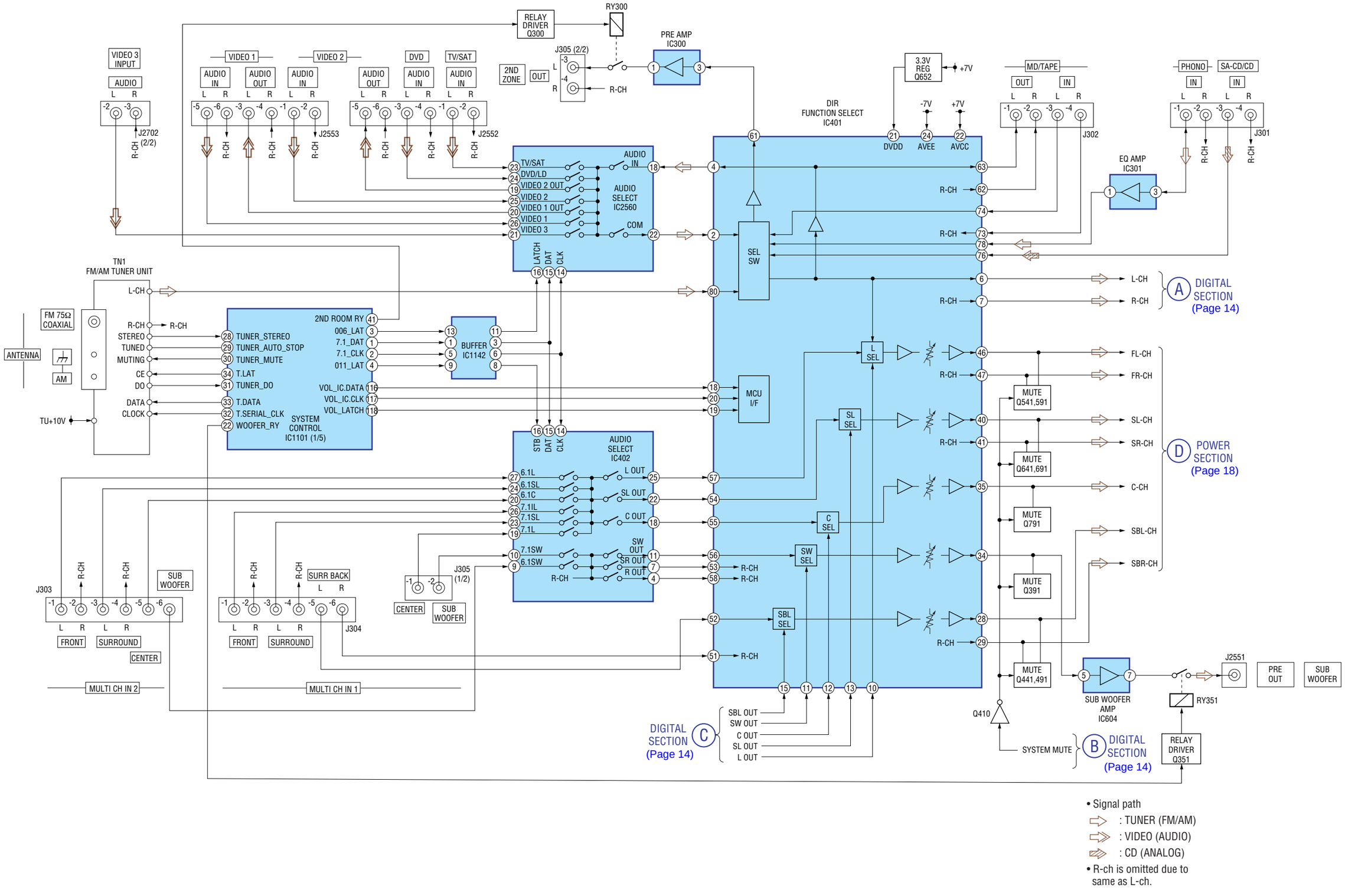
* The command mode (AV1 or AV2) of the remote commander can be selected.
* Procedure:
  While depressing the [ENTER] button, press the [I/⏻] button to turn on the main power.
  Either the message "C.MODE.AV1" or "C.MODE.AV2" appears for a moment and select the desired mode.

SECTION 4
DIAGRAMS

4-1. CIRCUIT BOARDS LOCATION

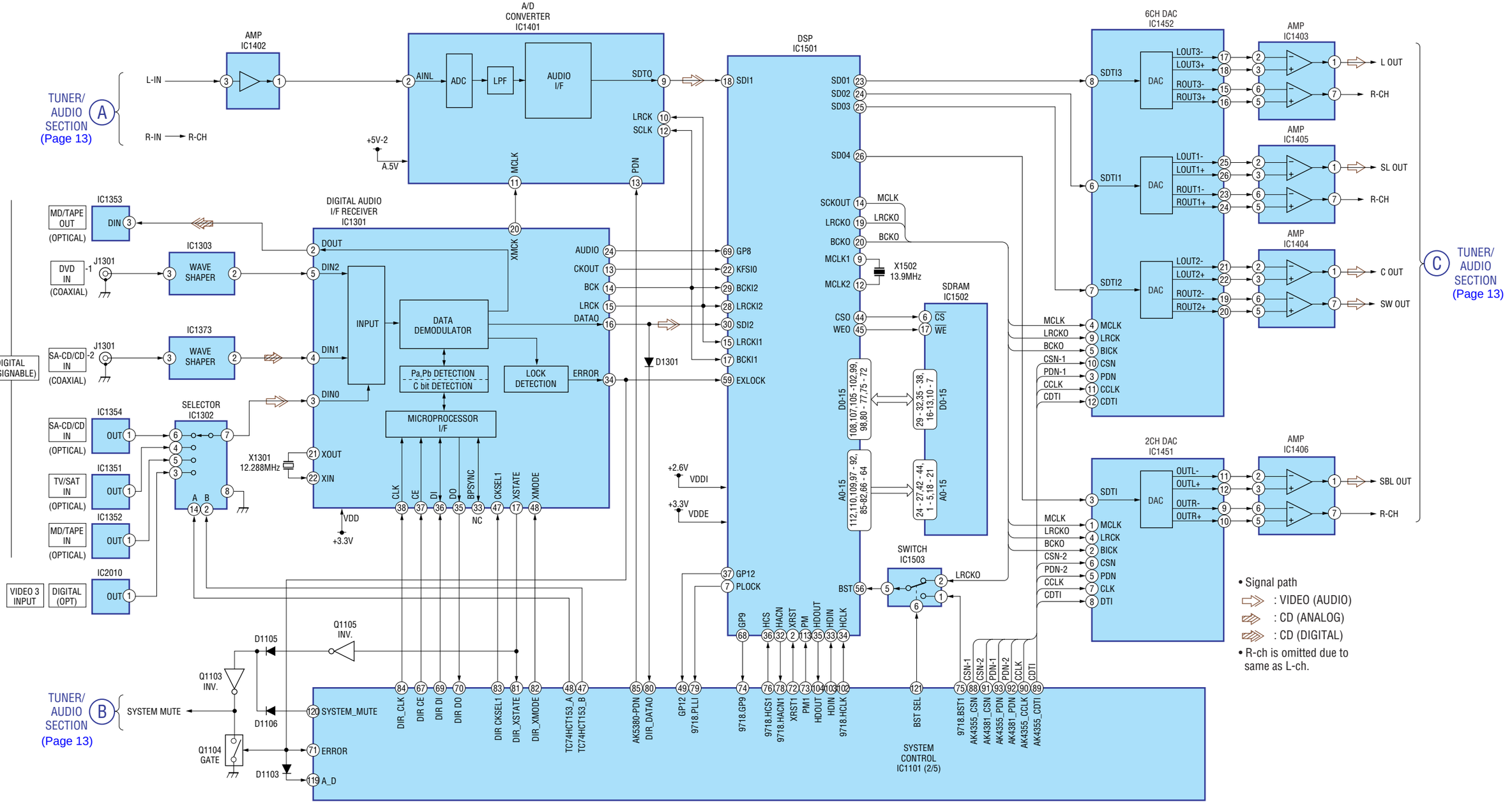


4-2. BLOCK DIAGRAM — TUNER/AUDIO SECTION —

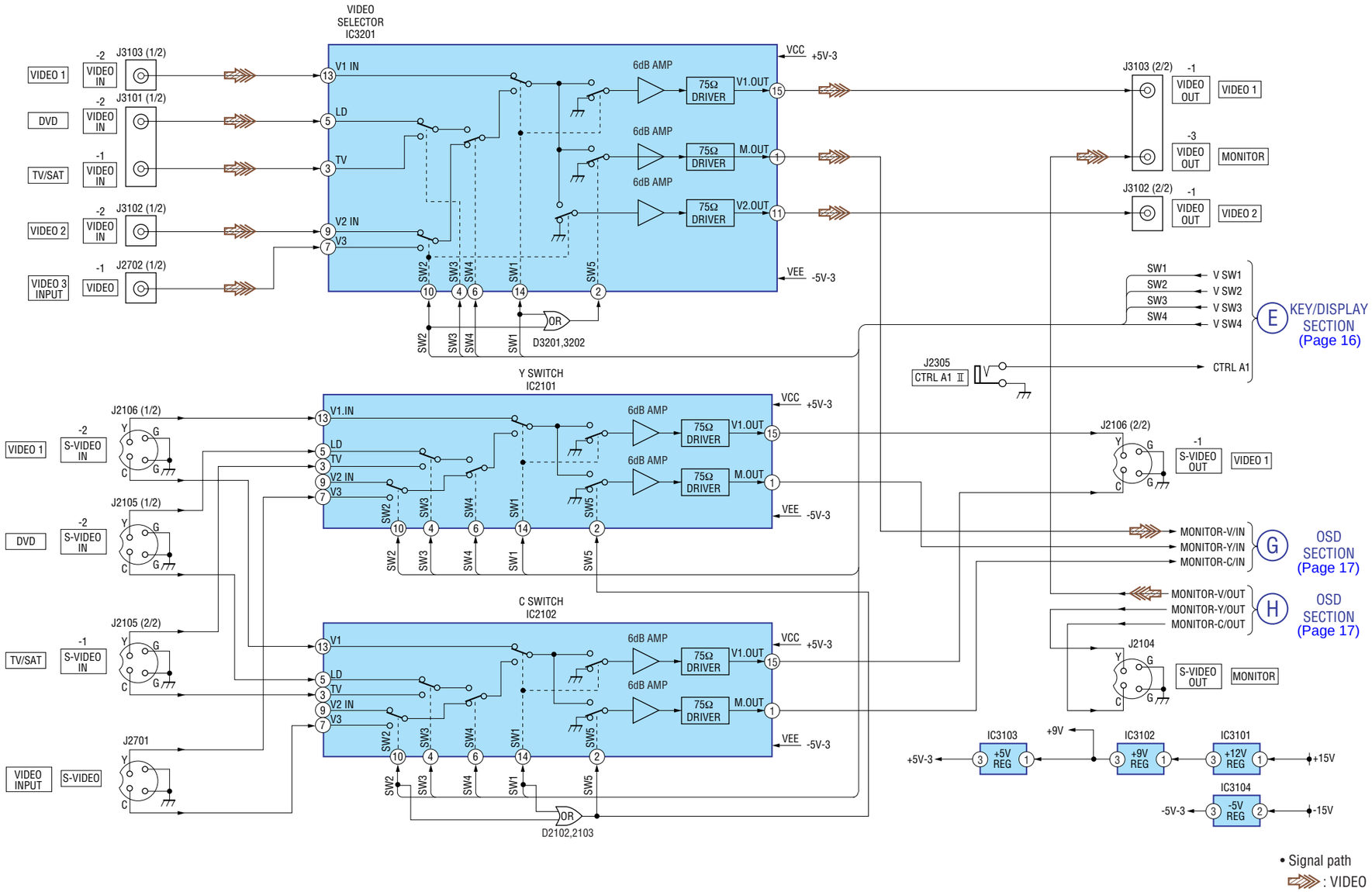


- Signal path
  - ⇨ : TUNER (FM/AM)
  - ⇨ : VIDEO (AUDIO)
  - ⇨ : CD (ANALOG)
- R-ch is omitted due to same as L-ch.

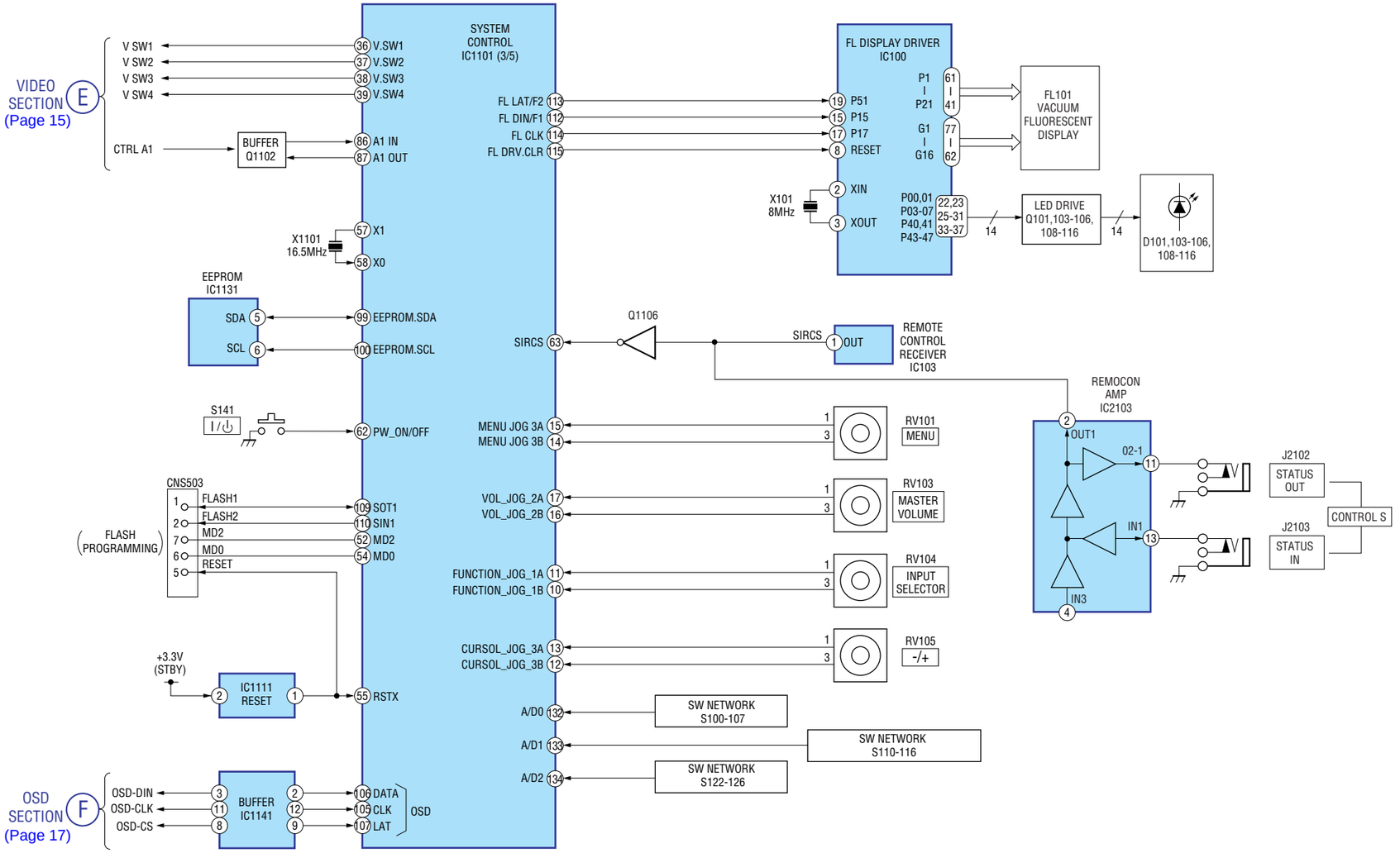
4-3. BLOCK DIAGRAM — DIGITAL SECTION —



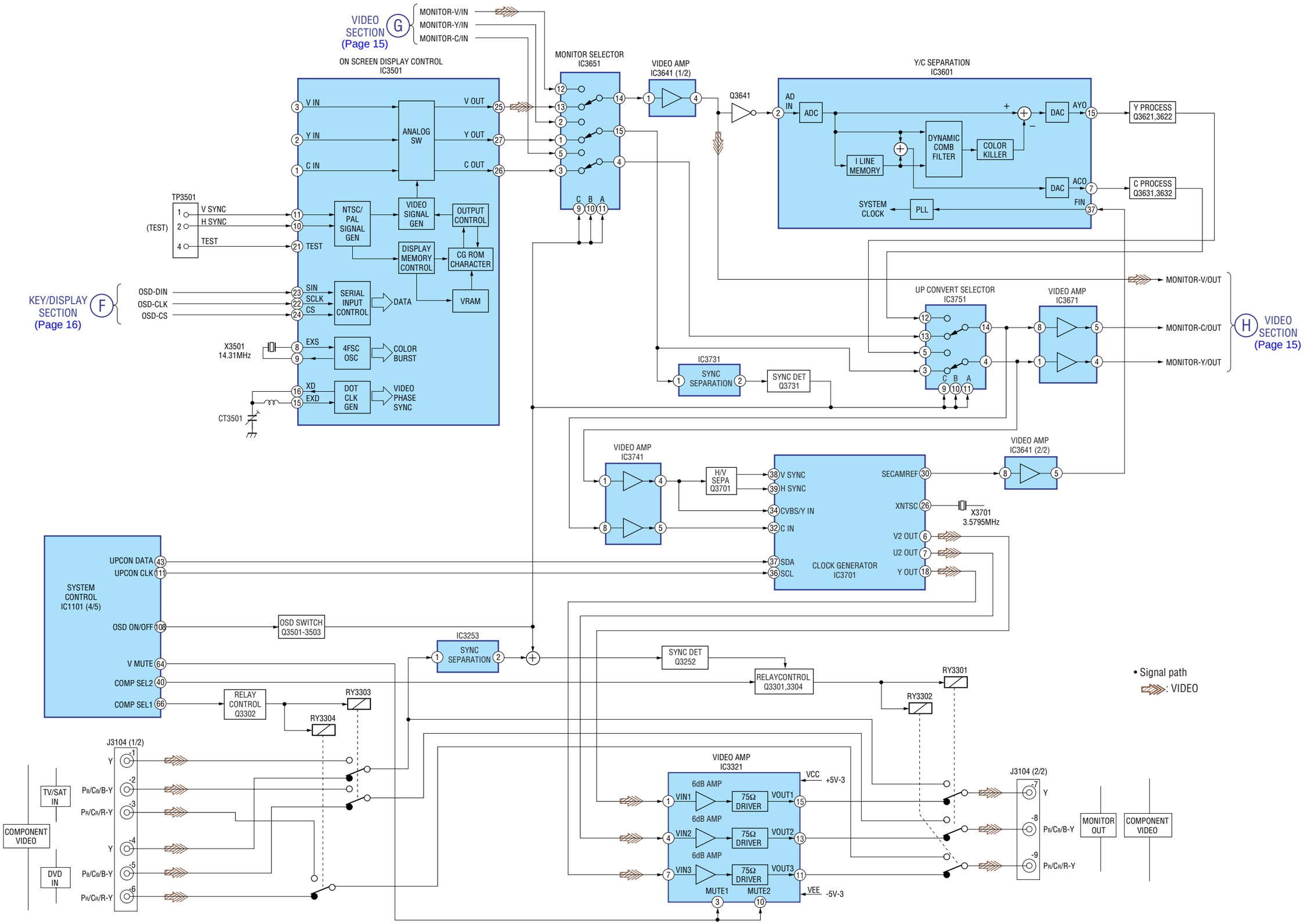
4-4. BLOCK DIAGRAM — VIDEO SECTION —



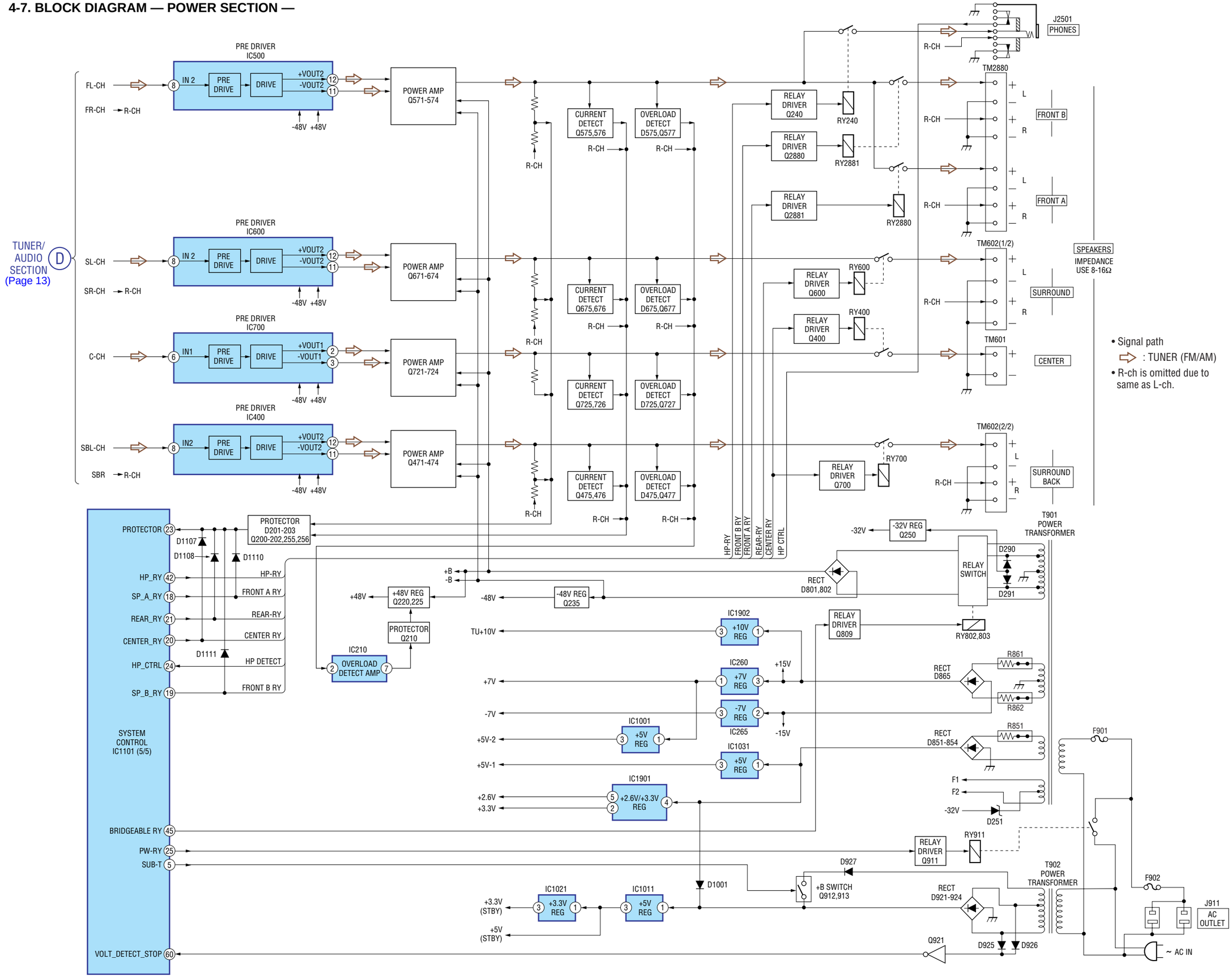
4-5. BLOCK DIAGRAM — KEY/DISPLAY SECTION —



4-6. BLOCK DIAGRAM — OSD SECTION —



4-7. BLOCK DIAGRAM — POWER SECTION —



THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.
(In addition to this, the necessary note is printed in each block.)

for schematic diagram:

- All capacitors are in μF unless otherwise noted. (p: pF) 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- : nonflammable resistor.
- : fusible resistor.
- : panel designation.

Note:	**Note:**
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

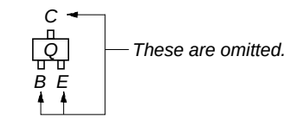
- : B+ Line.
- : B– Line.
- Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  : TUNER (FM/AM)
  : VIDEO (AUDIO)
  : VIDEO
  : CD (ANALOG)
  : CD (DIGITAL)
- Abbreviation
  CND : Canadian model.

for printed wiring boards:

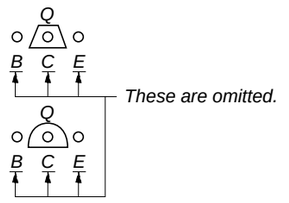
- : parts extracted from the component side.
- △ : internal component.
- : Pattern from the side which enables seeing.

Caution:	
Pattern face side: (Side B)	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Side A)	Parts on the parts face side seen from the parts face are indicated.

- Abbreviation
  CND : Canadian model.



These are omitted.



These are omitted.

• Waveforms (DIGITAL Board)

① 1V/DIV 50nsec/DIV

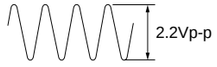
12.288MHz
IC1301 ⑬ (CKOUT)

② 1V/DIV 0.2μsec/DIV

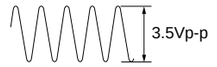
3.07MHz
IC1301 ⑭ (BCK)

③ 1V/DIV 50nsec/DIV

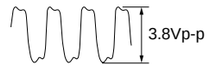
12.288MHz
IC1301 ㉑ (XOUT)

④ 1V/DIV 50nsec/DIV


13.9MHz
IC1501 ⑨ (MCLK1)

⑤ 1V/DIV 50nsec/DIV


13.9MHz
IC1501 ⑫ (MCLK2)

⑥ 1V/DIV 50nsec/DIV


12.288MHz
IC1501 ⑭ (SCKOUT)

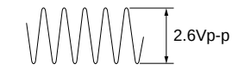
⑦ 1V/DIV 50nsec/DIV

16.5MHz
IC1101 ㊼ (X1)

• Waveforms (VIDEO Board)

① 1V/DIV 20nsec/DIV

14.31MHz
IC3501 ⑧ (EXS)

② 1V/DIV 20nsec/DIV


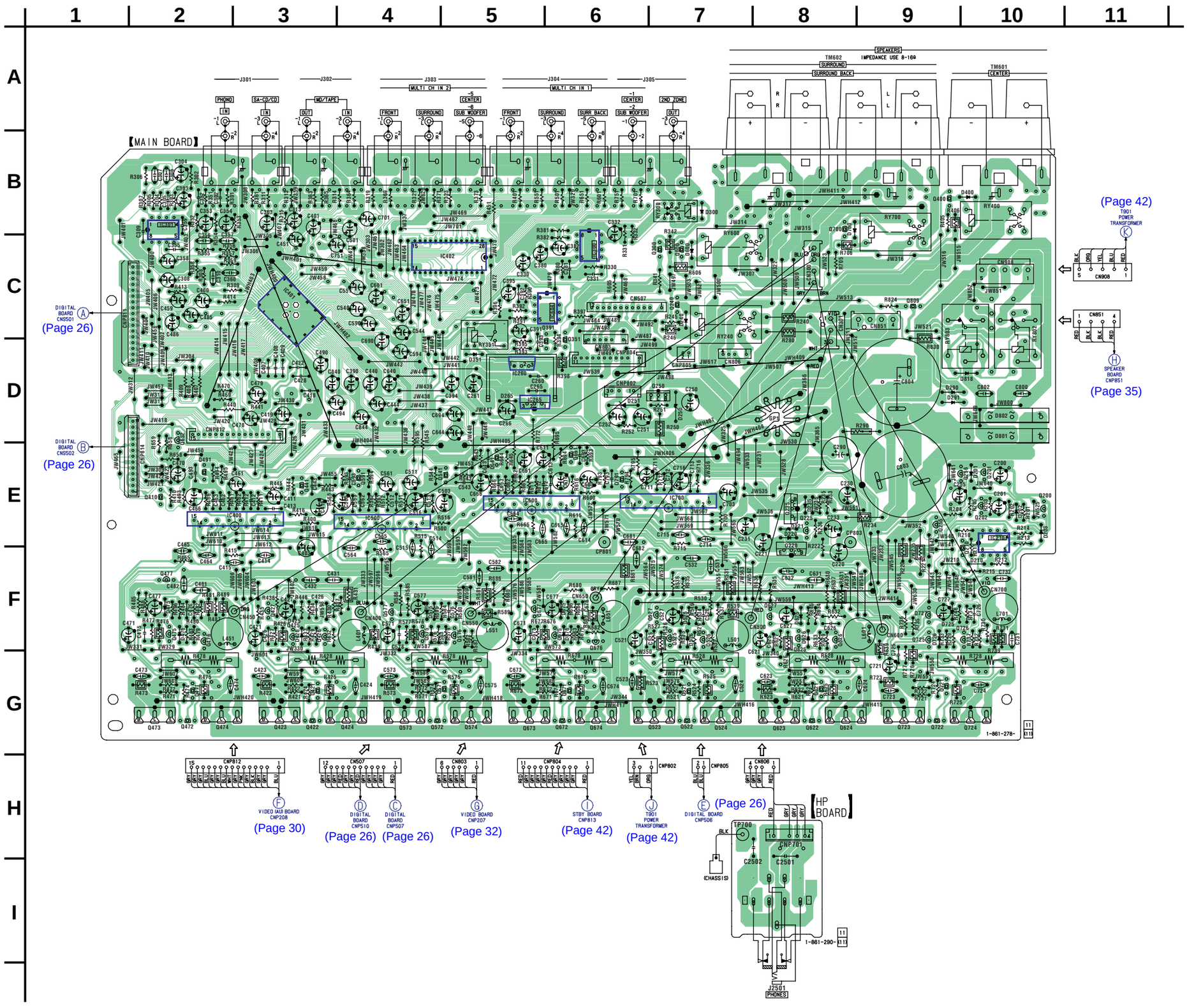
3.5795MHz
IC3701 ㉖ (XNTSC)

• Waveform (DISPLAY Board)

① 1V/DIV 20nsec/DIV

8MHz
IC100 ③ (XOUT)

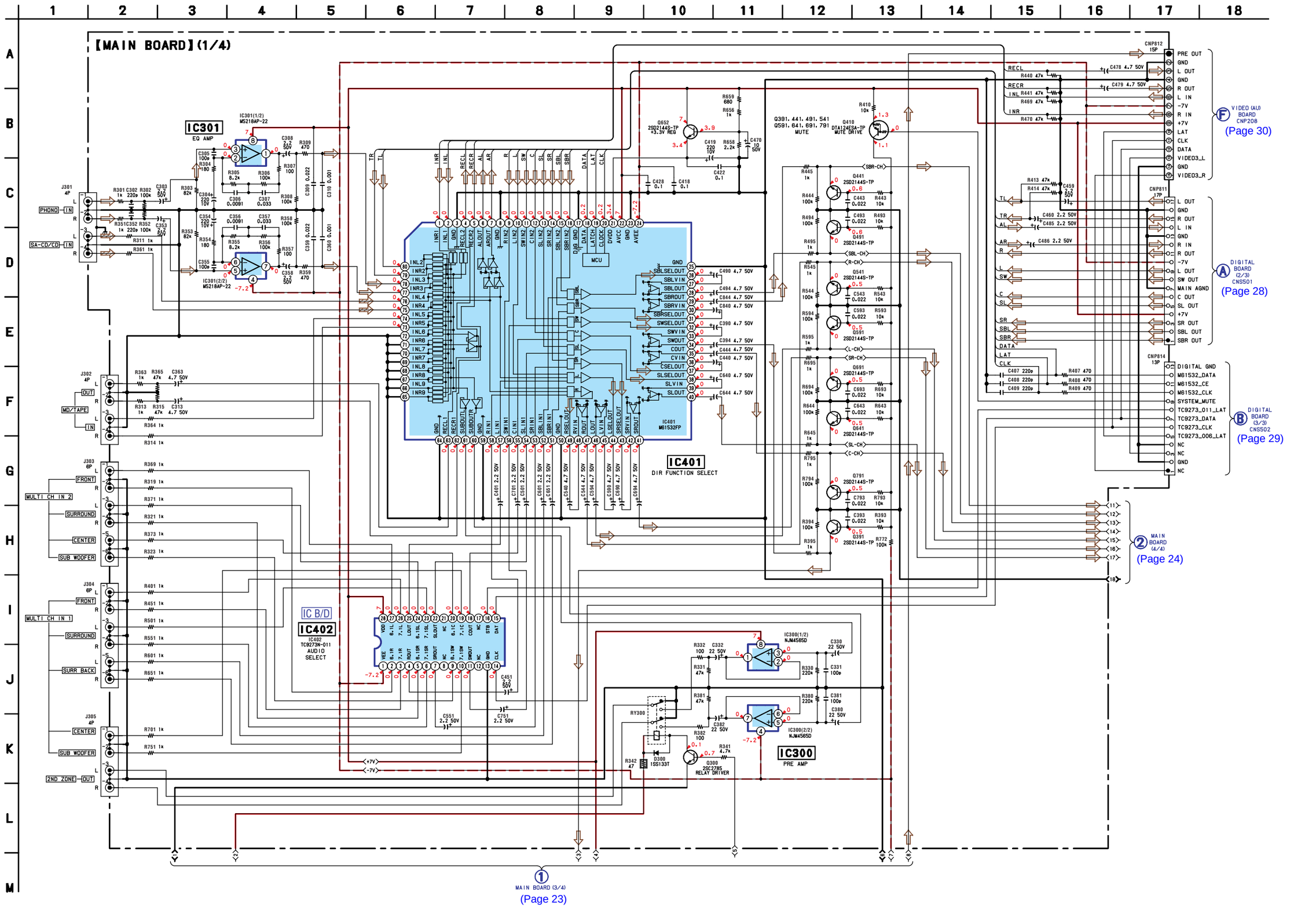
4-8. PRINTED WIRING BOARDS — MAIN SECTION — • Refer to page 12 for Circuit Boards Location and page 19 for Common Note on Printed Wiring Boards.



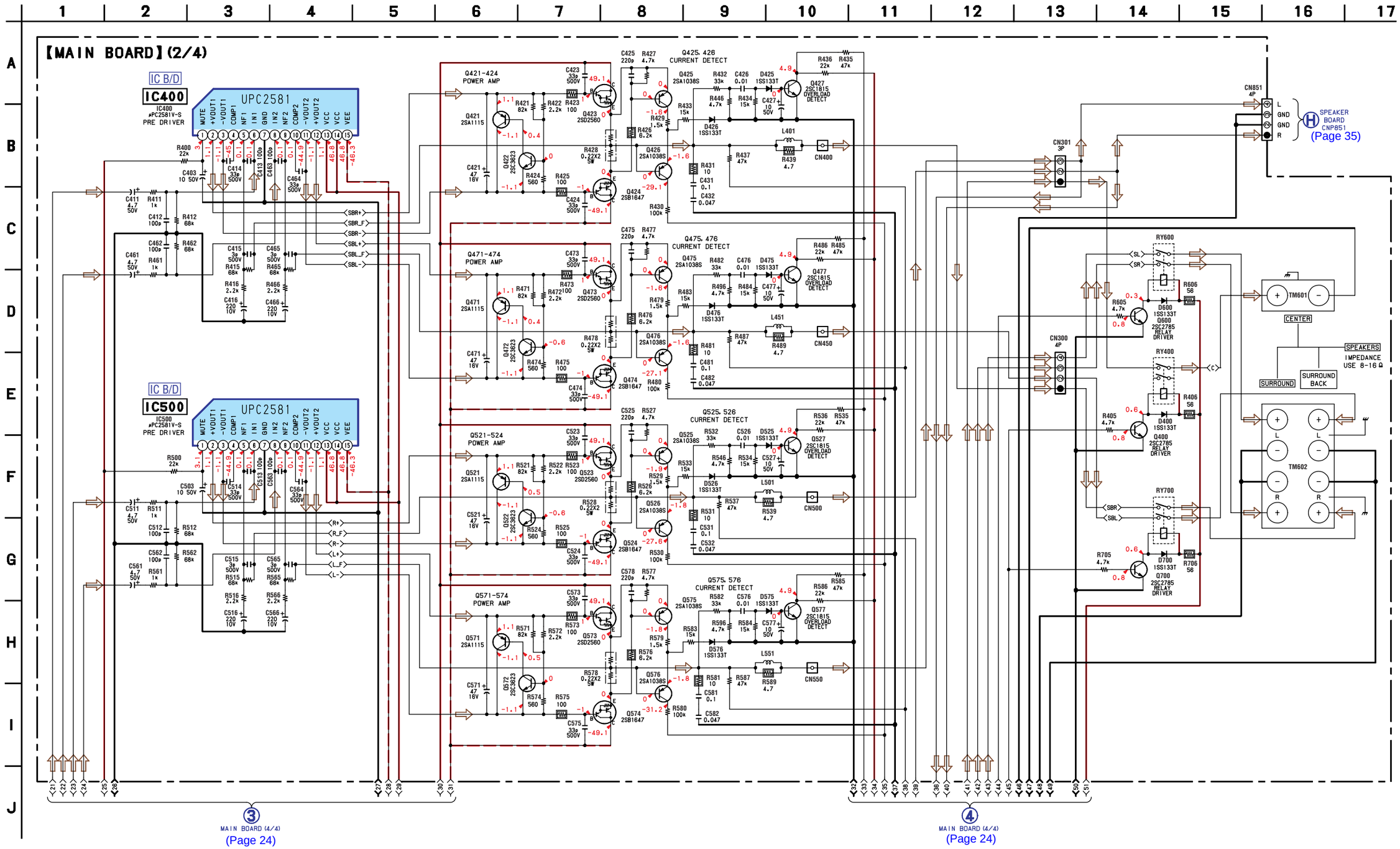
• **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location
D201	E-10	Q400	B-9
D202	E-10	Q410	E-2
D203	E-10	Q421	G-3
D220	E-8	Q422	G-3
D221	E-8	Q423	G-3
D235	E-8	Q424	G-4
D240	C-7	Q425	F-3
D250	D-7	Q426	F-3
D251	D-6	Q427	F-3
D265	D-5	Q441	E-3
D290	D-9	Q471	G-2
D291	D-9	Q472	G-2
D300	B-7	Q473	G-2
D351	D-5	Q474	G-2
D400	B-10	Q475	F-2
D425	F-3	Q476	F-2
D426	F-3	Q477	F-2
D475	F-2	Q491	E-2
D476	F-2	Q521	G-7
D525	F-7	Q522	G-7
D526	F-7	Q523	G-7
D575	F-4	Q524	G-7
D576	F-4	Q525	F-7
D600	C-7	Q526	F-7
D625	F-8	Q527	F-7
D626	F-8	Q541	E-5
D675	F-6	Q571	G-4
D676	F-6	Q572	G-4
D700	B-8	Q573	G-4
D725	F-10	Q574	G-5
D726	F-9	Q575	F-4
D801	D-10	Q576	F-5
D802	D-10	Q577	F-4
D818	D-10	Q591	F-4
		Q600	C-7
IC210	E-10	Q621	G-8
IC260	D-5	Q622	G-8
IC265	D-5	Q623	G-8
IC300	C-6	Q624	G-8
IC301	B-2	Q625	F-8
IC400	E-3	Q626	F-8
IC401	C-3	Q627	F-8
IC402	C-5	Q641	E-5
IC500	E-4	Q652	D-2
IC600	E-5	Q671	G-6
IC604	C-5	Q672	G-6
IC700	E-7	Q673	G-5
		Q674	G-6
Q200	E-10	Q675	F-6
Q201	E-10	Q676	F-6
Q202	E-10	Q677	F-5
Q210	E-10	Q691	E-6
Q220	F-8	Q700	B-8
Q225	E-8	Q721	G-9
Q235	E-8	Q722	G-9
Q240	C-7	Q723	G-9
Q250	D-7	Q724	G-10
Q255	E-9	Q725	F-9
Q256	E-10	Q726	F-10
Q300	C-7	Q727	F-9
Q351	D-6	Q791	E-6
Q391	D-6	Q809	C-9

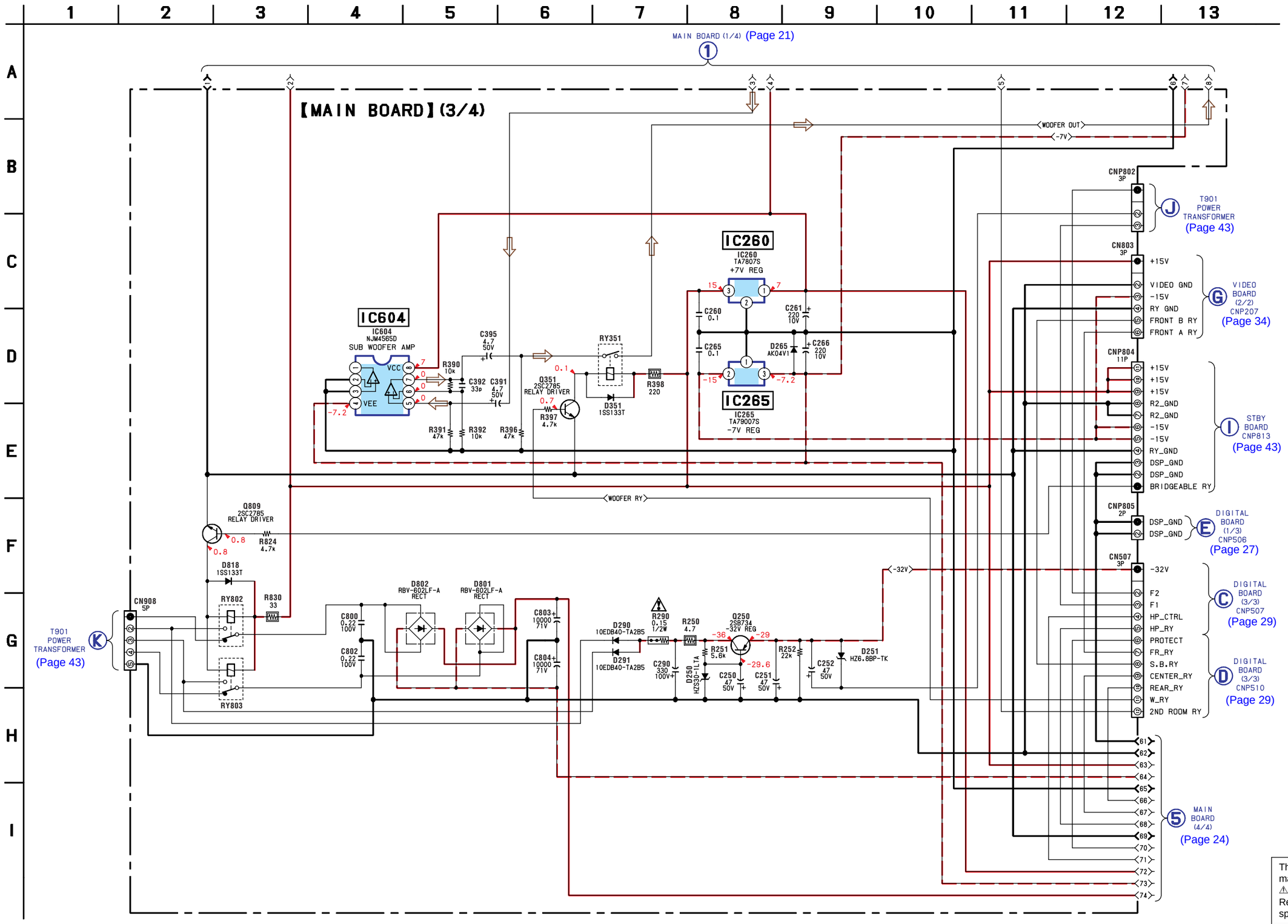
4-9. SCHEMATIC DIAGRAM — MAIN SECTION (1/4) — • Refer to page 19 for Common Note on Schematic Diagram and page 44 for IC Block Diagrams.



4-10. SCHEMATIC DIAGRAM — MAIN SECTION (2/4) — • Refer to page 19 for Common Note on Schematic Diagram and page 44 for IC Block Diagrams.



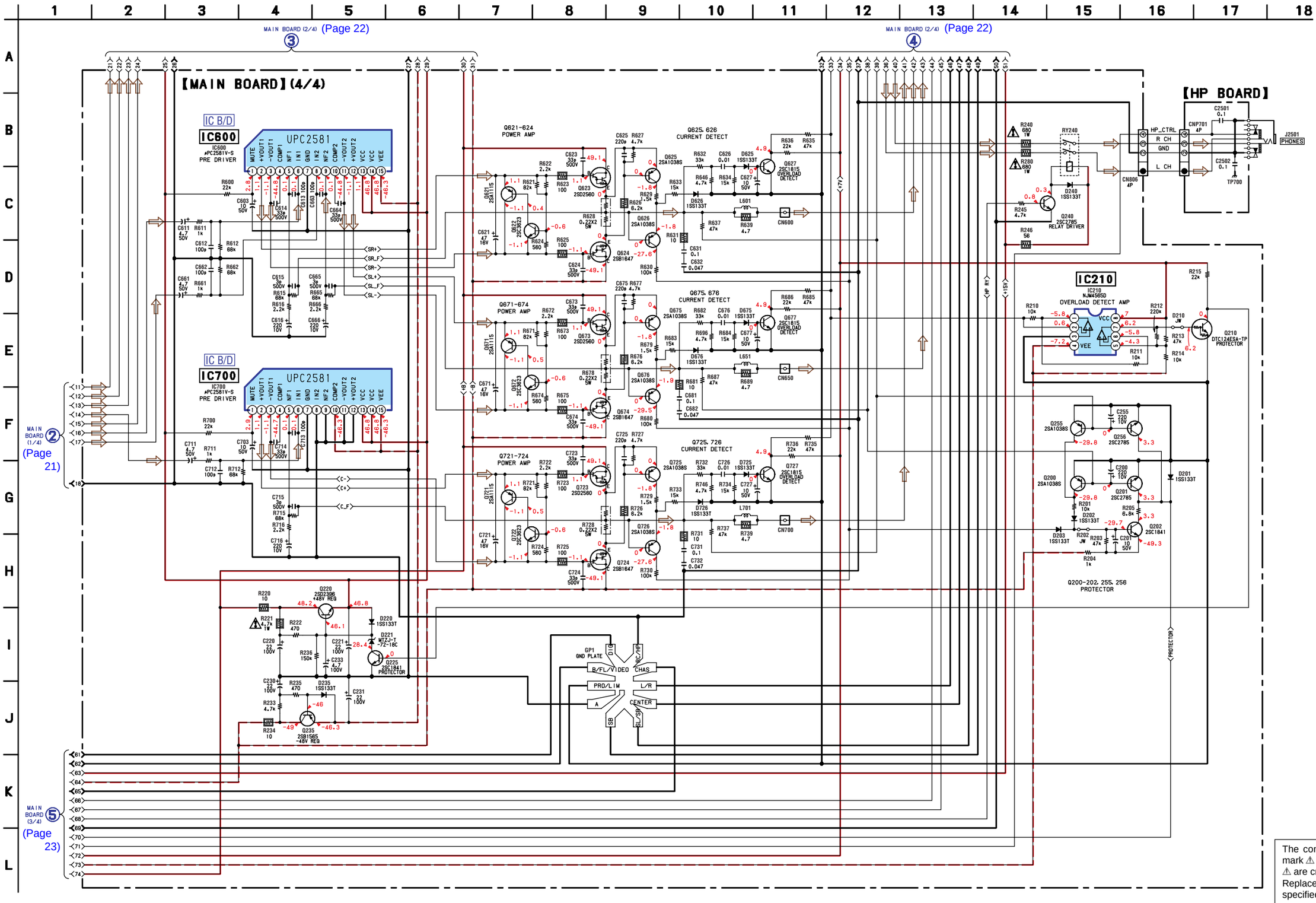
4-11. SCHEMATIC DIAGRAM — MAIN SECTION (3/4) — • Refer to page 19 for Common Note on Schematic Diagram.



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

4-12. SCHEMATIC DIAGRAM — MAIN SECTION (4/4) — • Refer to page 19 for Common Note on Schematic Diagram and page 44 for IC Block Diagrams.

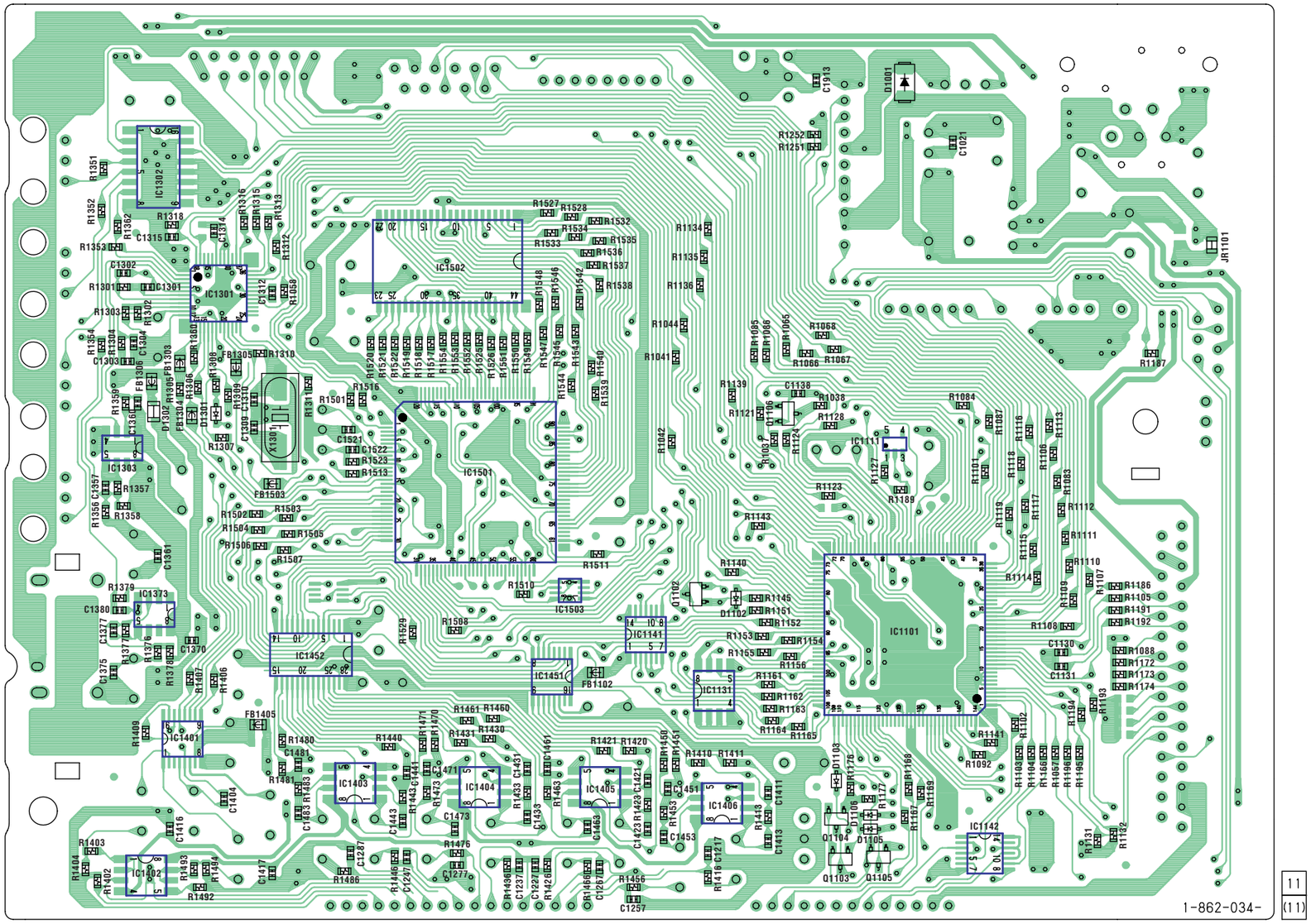


The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

4-13. PRINTED WIRING BOARD — DIGITAL SECTION (1/2) — • Refer to page 12 for Circuit Boards Location and page 19 for Common Note on Printed Wiring Boards.

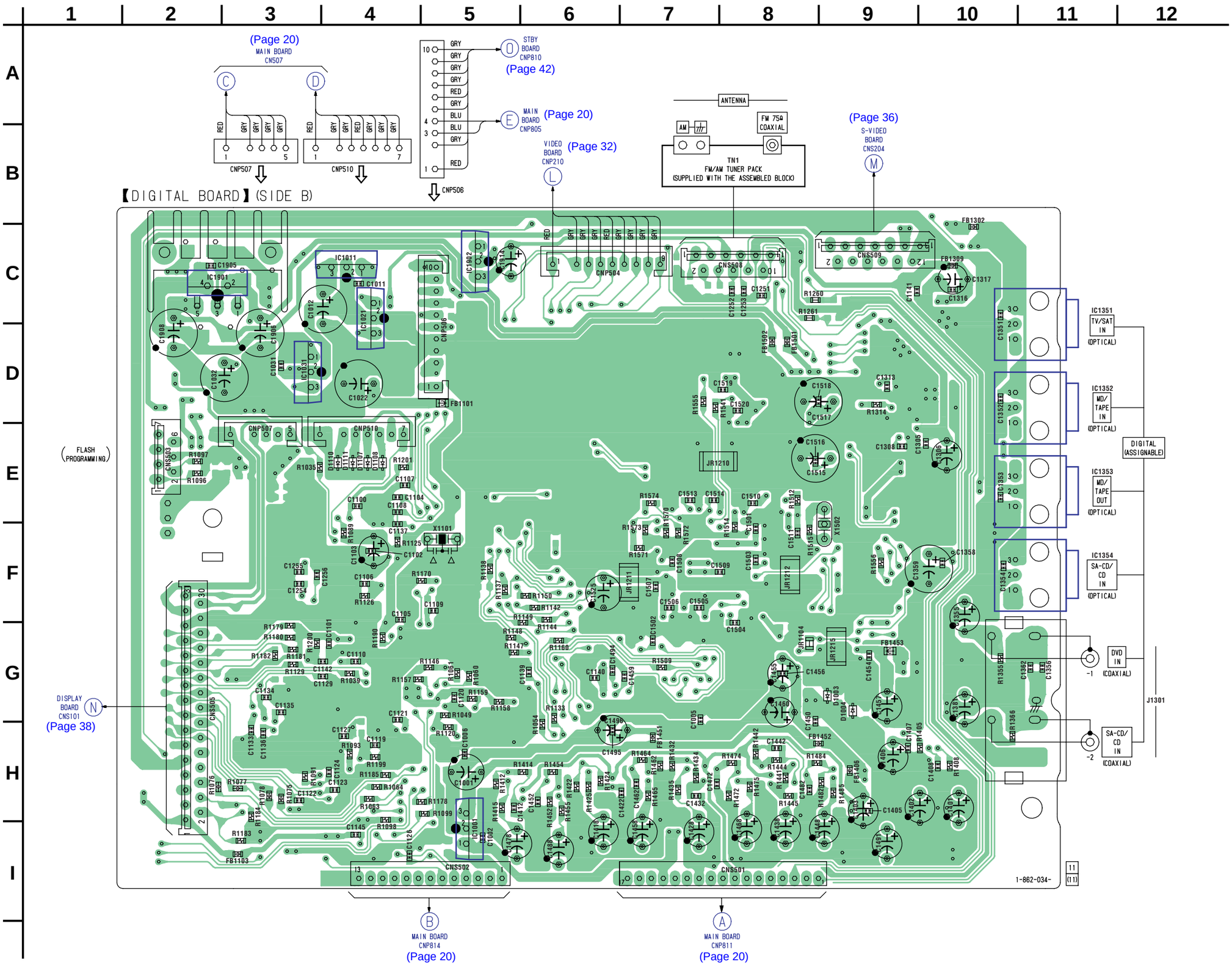
【DIGITAL BOARD】(SIDE A)



- **Semiconductor Location (Side A)**

Ref. No.	Location
D1001	C-4
D1102	G-6
D1103	H-5
D1105	H-4
D1106	H-4
D1301	E-9
IC1101	G-4
IC1111	F-4
IC1131	G-6
IC1141	G-6
IC1142	I-4
IC1301	D-9
IC1302	D-10
IC1303	F-10
IC1373	G-10
IC1401	H-10
IC1402	I-10
IC1403	H-8
IC1404	H-7
IC1405	H-6
IC1406	H-6
IC1451	G-7
IC1452	G-9
IC1501	F-7
IC1502	D-8
IC1503	G-7
Q1102	G-6
Q1103	I-5
Q1104	H-5
Q1105	I-4
Q1106	E-5

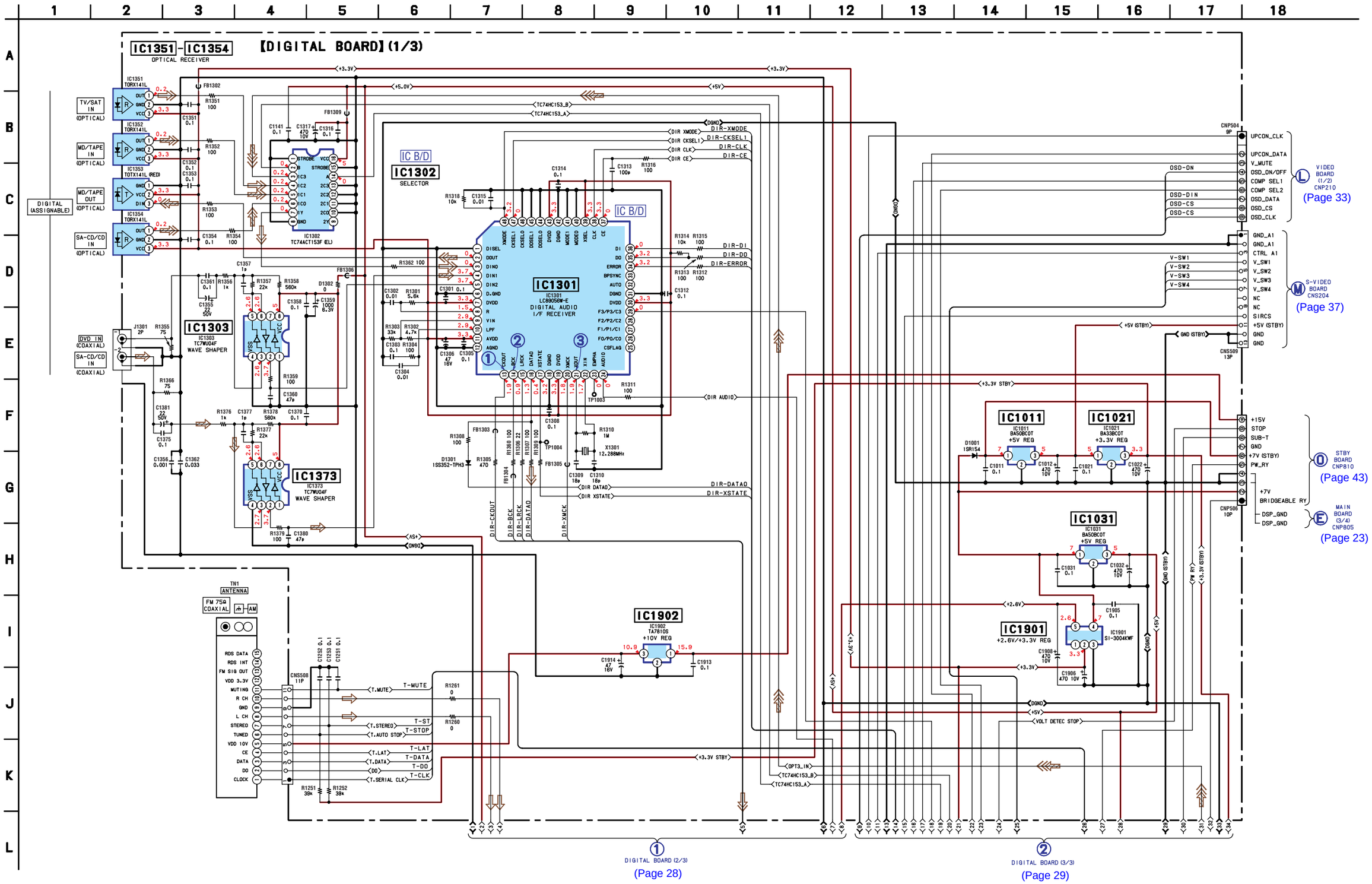
4-14. PRINTED WIRING BOARD — DIGITAL SECTION (2/2) — • Refer to page 12 for Circuit Boards Location and page 19 for Common Note on Printed Wiring Boards.



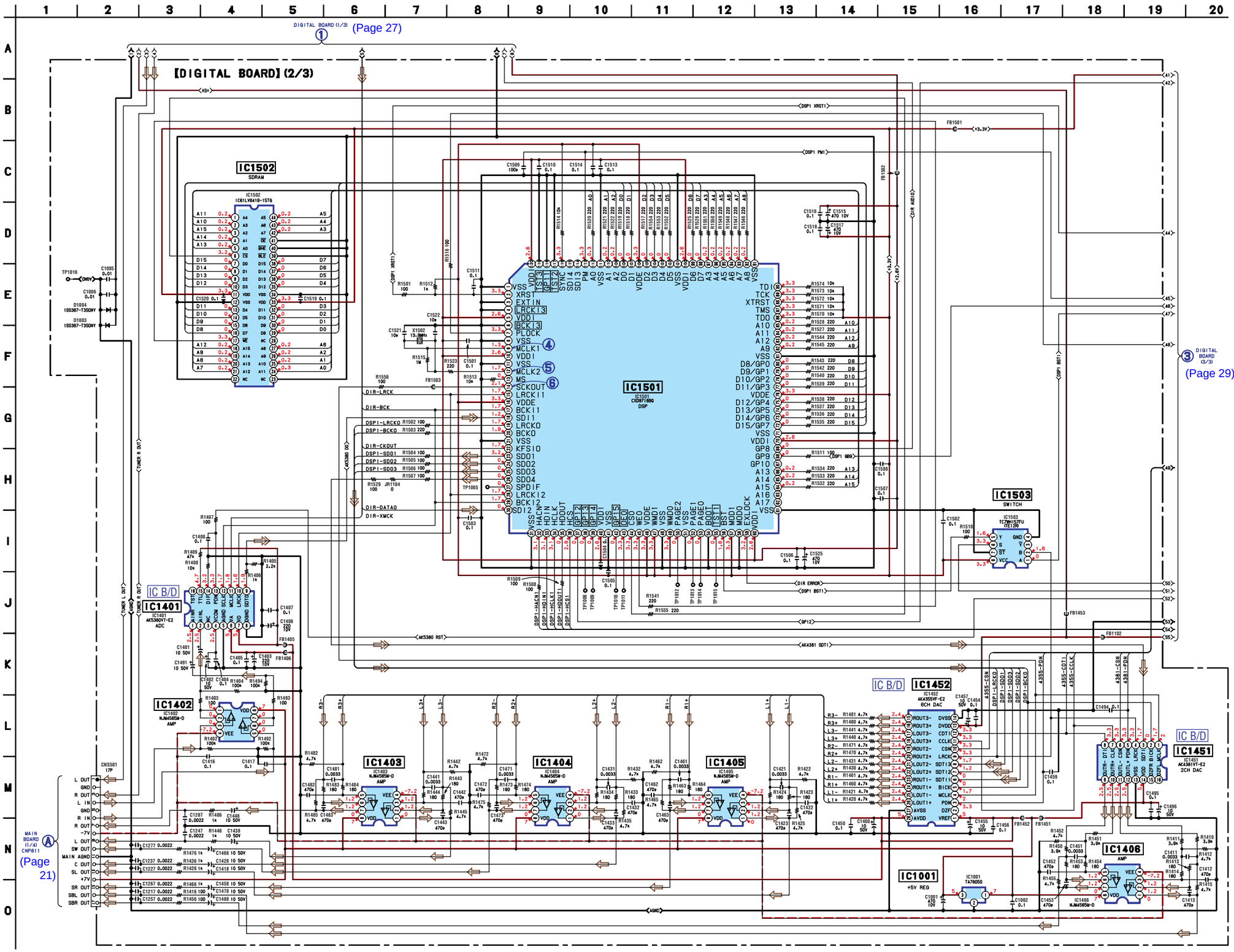
- **Semiconductor Location (Side B)**

Ref. No.	Location
D1003	G-9
D1004	G-9
D1107	E-4
D1108	E-4
D1110	E-4
D1111	E-4
IC1001	I-5
IC1011	C-4
IC1021	C-4
IC1031	D-3
IC1351	C-11
IC1352	D-11
IC1353	E-11
IC1354	F-11
IC1901	C-2
IC1902	C-5

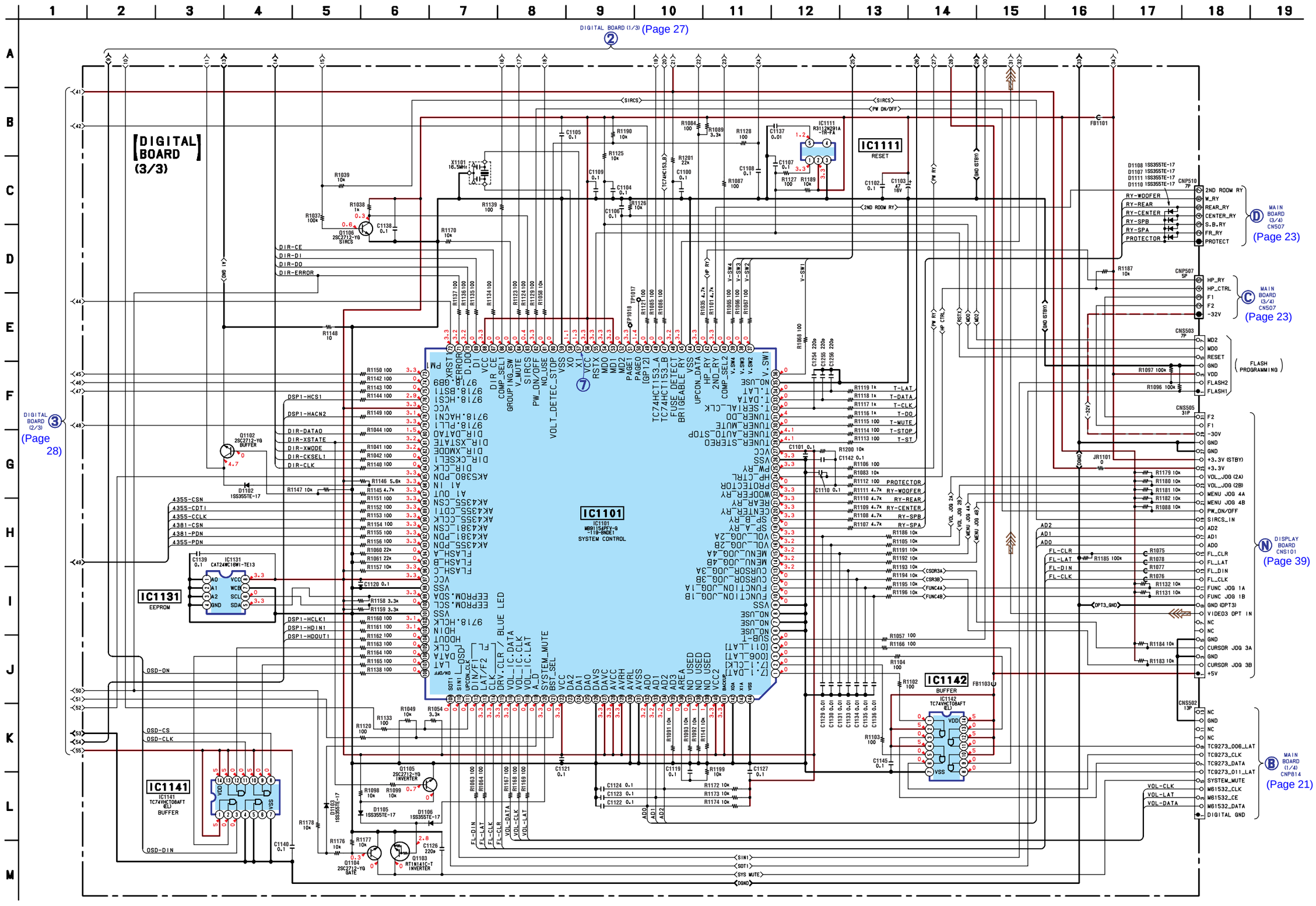
4-15. SCHEMATIC DIAGRAM — DIGITAL SECTION (1/3) — • Refer to page 19 for Common Note on Schematic Diagram and Waveforms and page 44 for IC Block Diagrams.



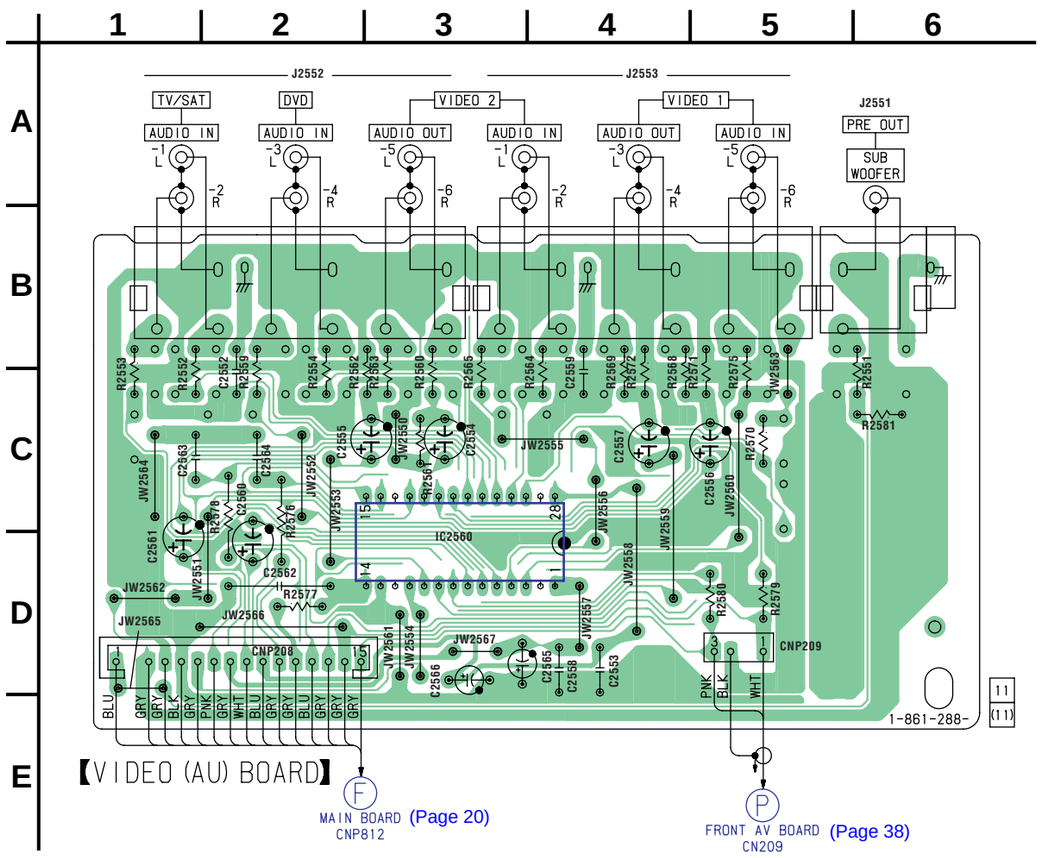
4-16. SCHEMATIC DIAGRAM — DIGITAL SECTION (2/3) — • Refer to page 19 for Common Note on Schematic Diagram and Waveforms and page 44 for IC Block Diagrams and page 50 for IC Pin Descriptions.



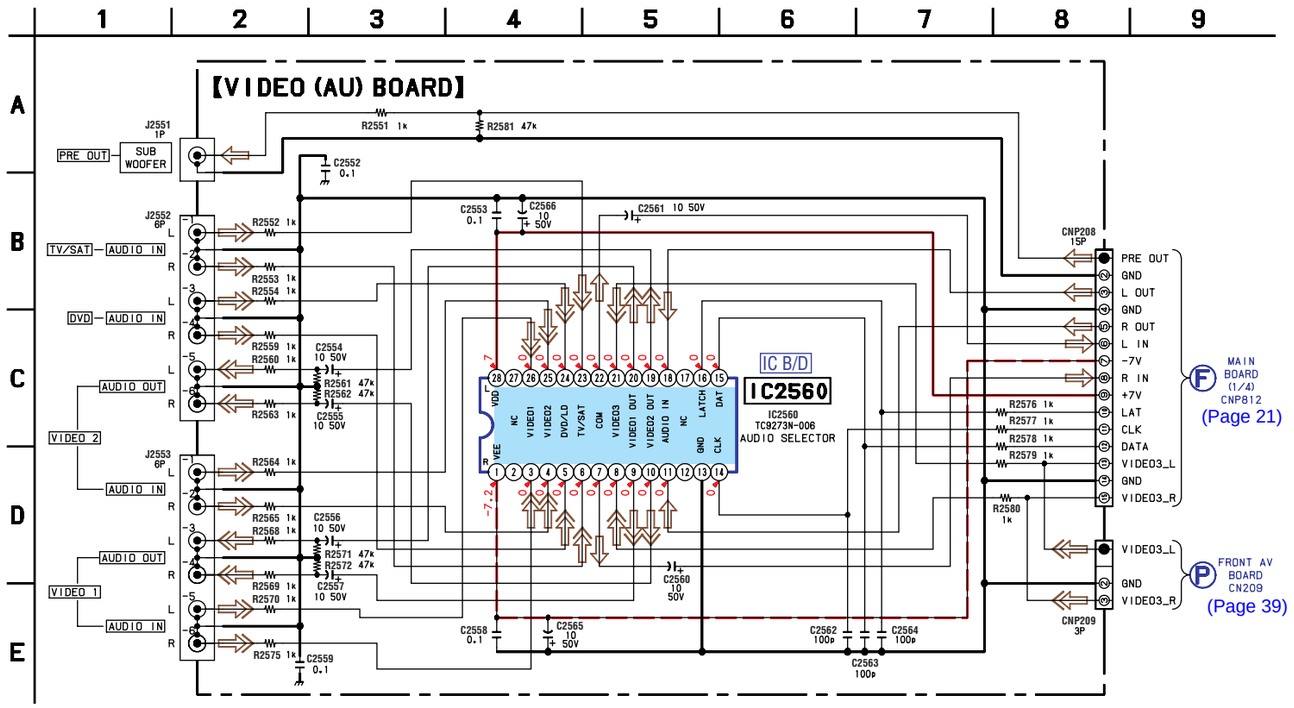
4-17. SCHEMATIC DIAGRAM — DIGITAL SECTION (3/3) — • Refer to page 19 for Common Note on Schematic Diagram and Waveforms and page 45 for IC Block Diagrams and page 52 for IC Pin Descriptions.



4-18. PRINTED WIRING BOARD — AUDIO SECTION — • Refer to page 12 for Circuit Boards Location and page 19 for Common Note on Printed Wiring Boards.

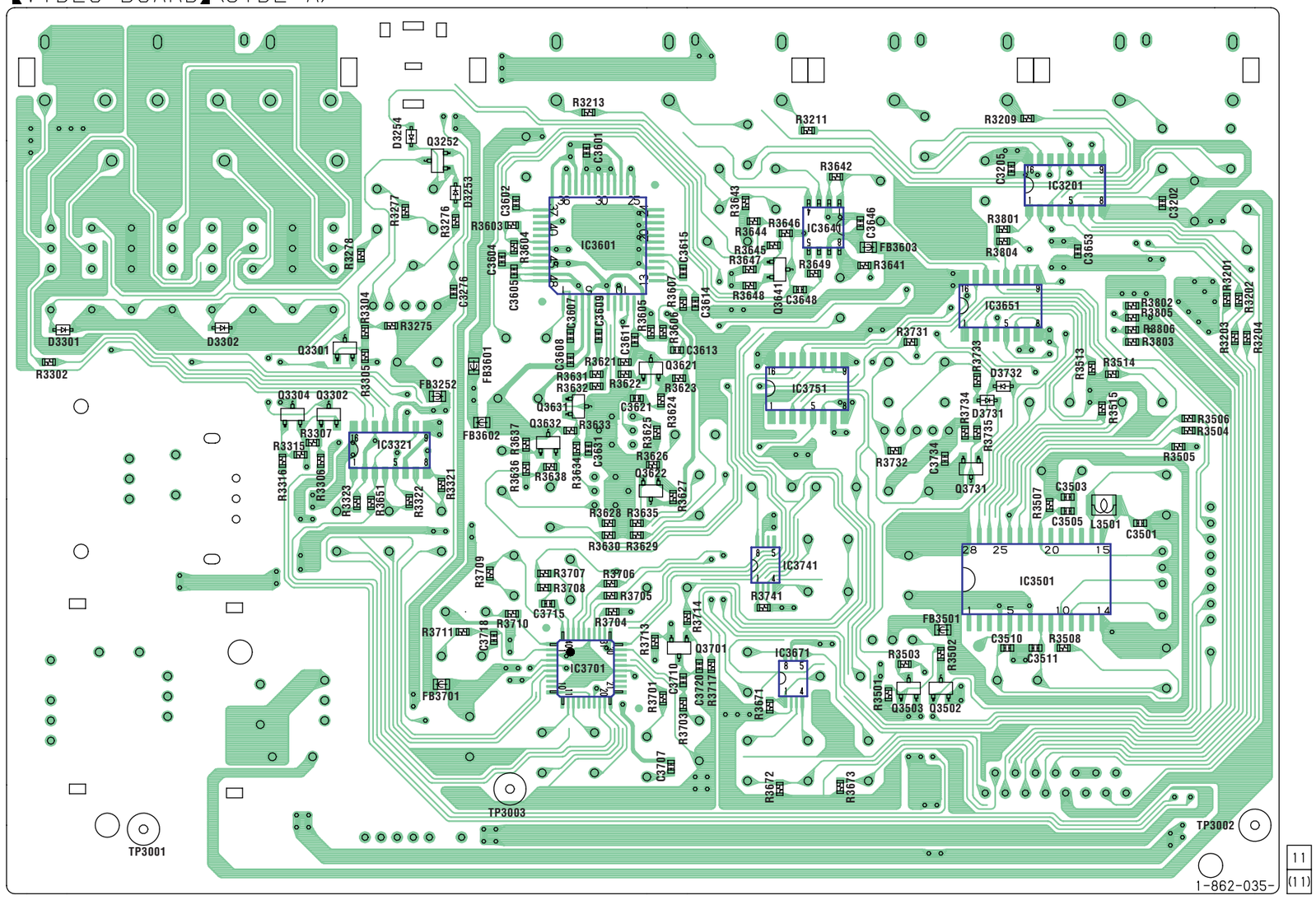


4-19. SCHEMATIC DIAGRAM — AUDIO SECTION — • Refer to page 19 for Common Note on Schematic Diagram and page 45 for IC Block Diagrams.



4-20. PRINTED WIRING BOARD — VIDEO SECTION (1/2) — • Refer to page 12 for Circuit Boards Location and page 19 for Common Note on Printed Wiring Boards.

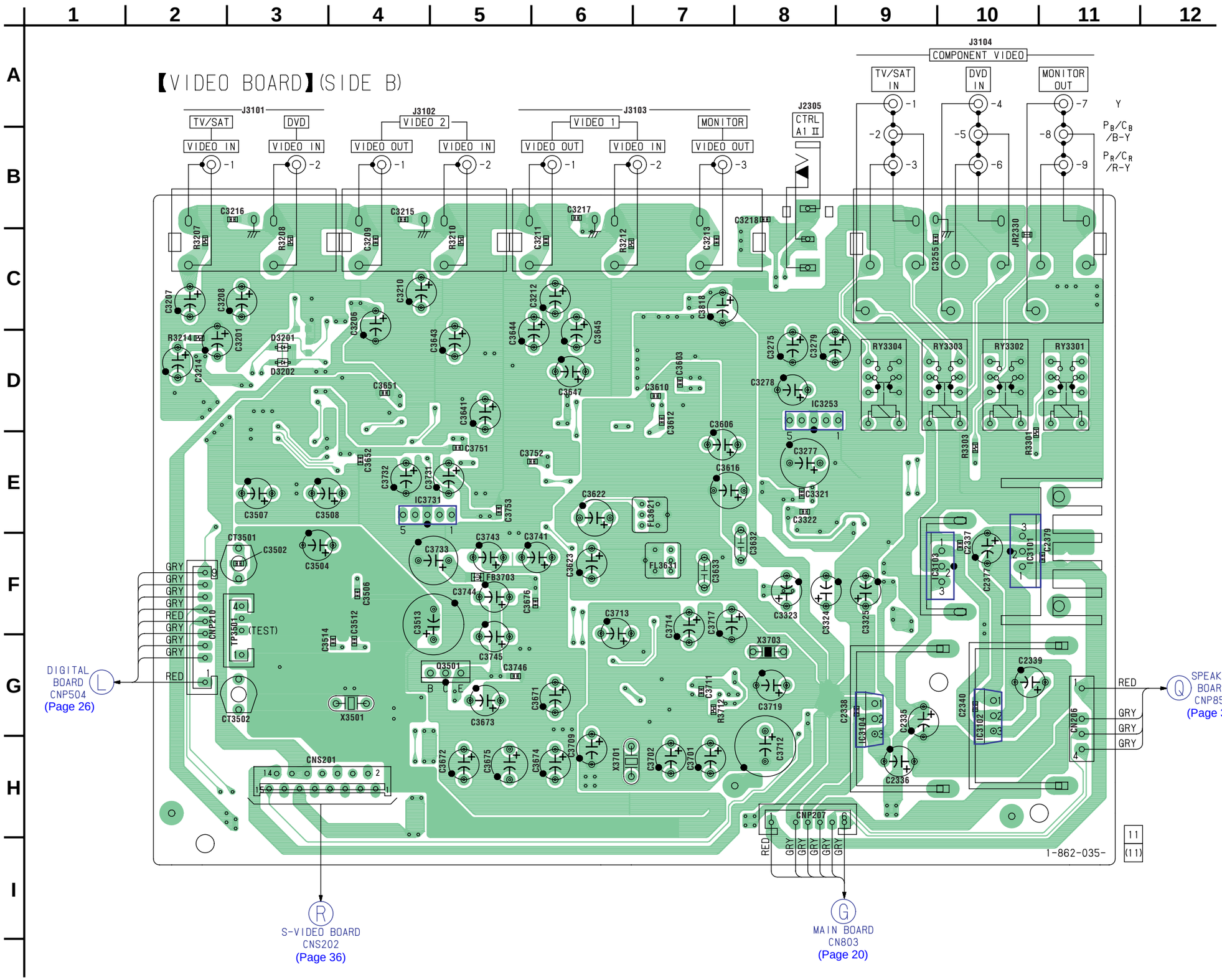
【VIDEO BOARD】(SIDE A)



• **Semiconductor Location (Side A)**

Ref. No.	Location
D3253	D-8
D3254	C-8
D3301	E-11
D3302	E-10
D3731	E-4
D3732	E-4
IC3201	C-3
IC3321	E-8
IC3501	F-4
IC3601	D-7
IC3641	D-5
IC3651	D-4
IC3671	G-5
IC3701	G-7
IC3741	F-6
IC3751	E-5
Q3252	C-8
Q3301	E-9
Q3302	E-9
Q3304	E-9
Q3502	G-4
Q3503	G-5
Q3621	E-6
Q3622	F-6
Q3631	E-7
Q3632	E-7
Q3641	D-6
Q3701	G-6
Q3731	F-4

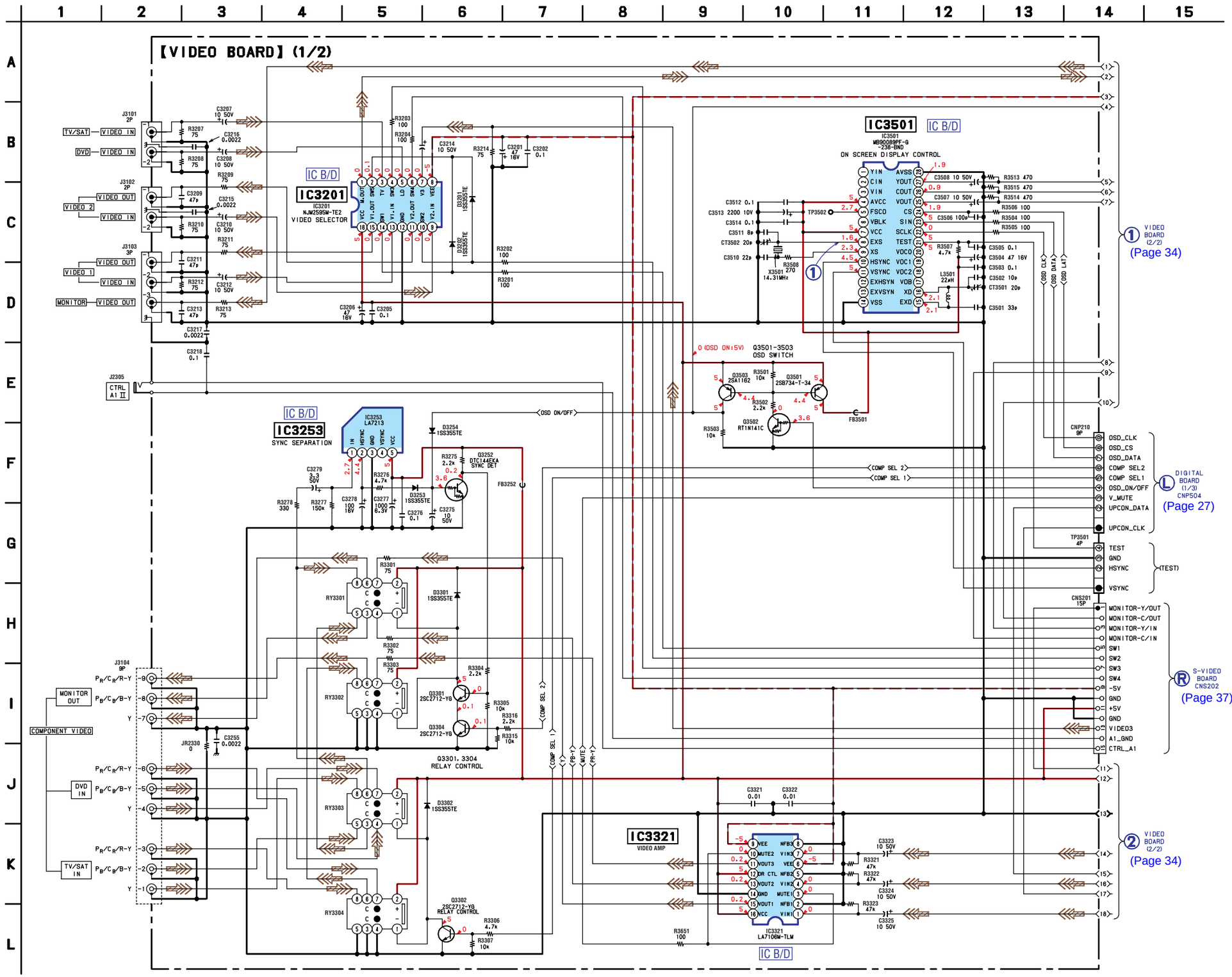
4-21. PRINTED WIRING BOARD — VIDEO SECTION (2/2) — **• Refer to page 12 for Circuit Boards Location and page 19 for Common Note on Printed Wiring Boards.**



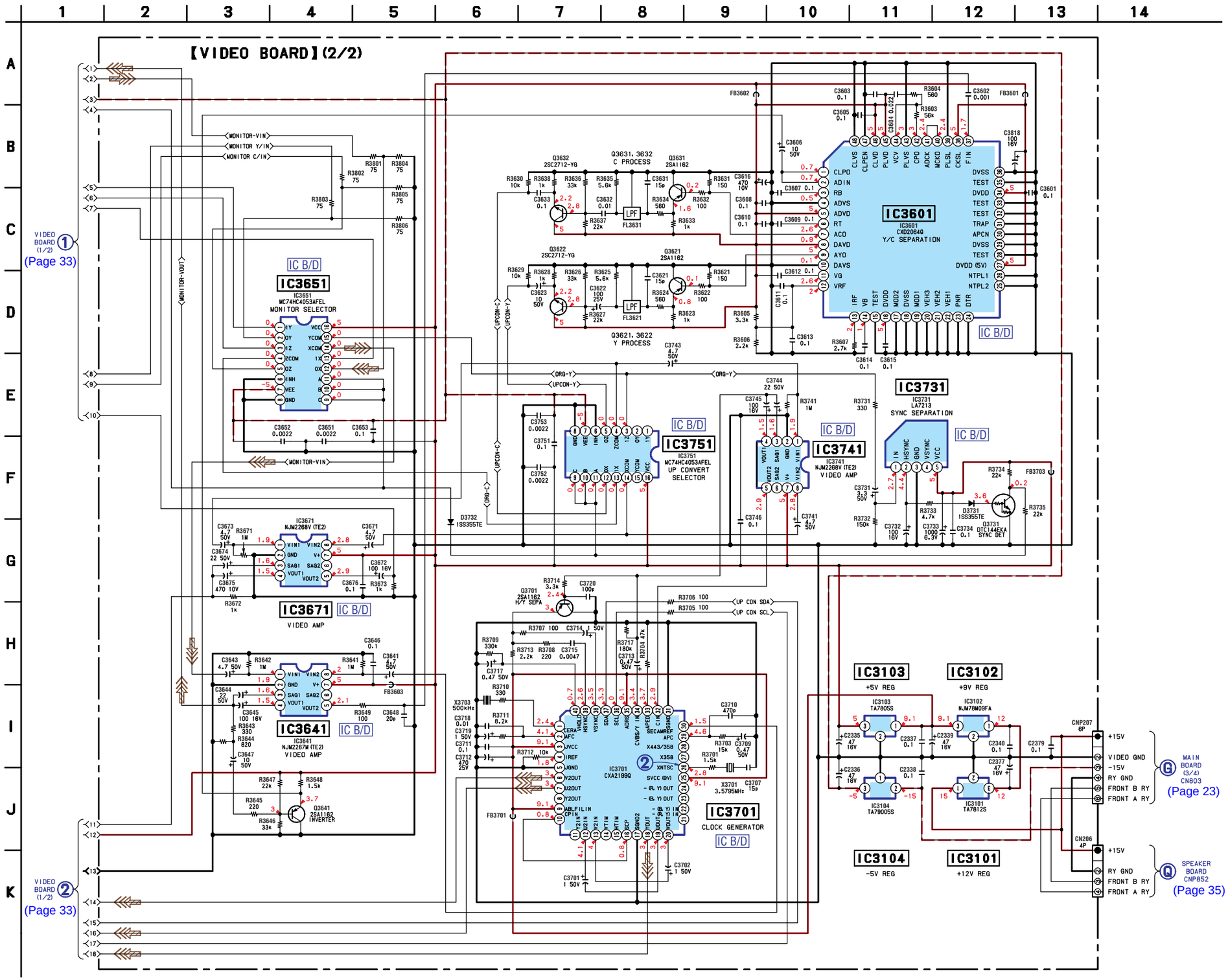
• Semiconductor Location (Side B)

Ref. No.	Location
D3201	D-3
D3202	D-3
IC3101	F-10
IC3102	G-10
IC3103	F-9
IC3104	G-9
IC3253	D-8
IC3731	E-4
Q3501	G-5

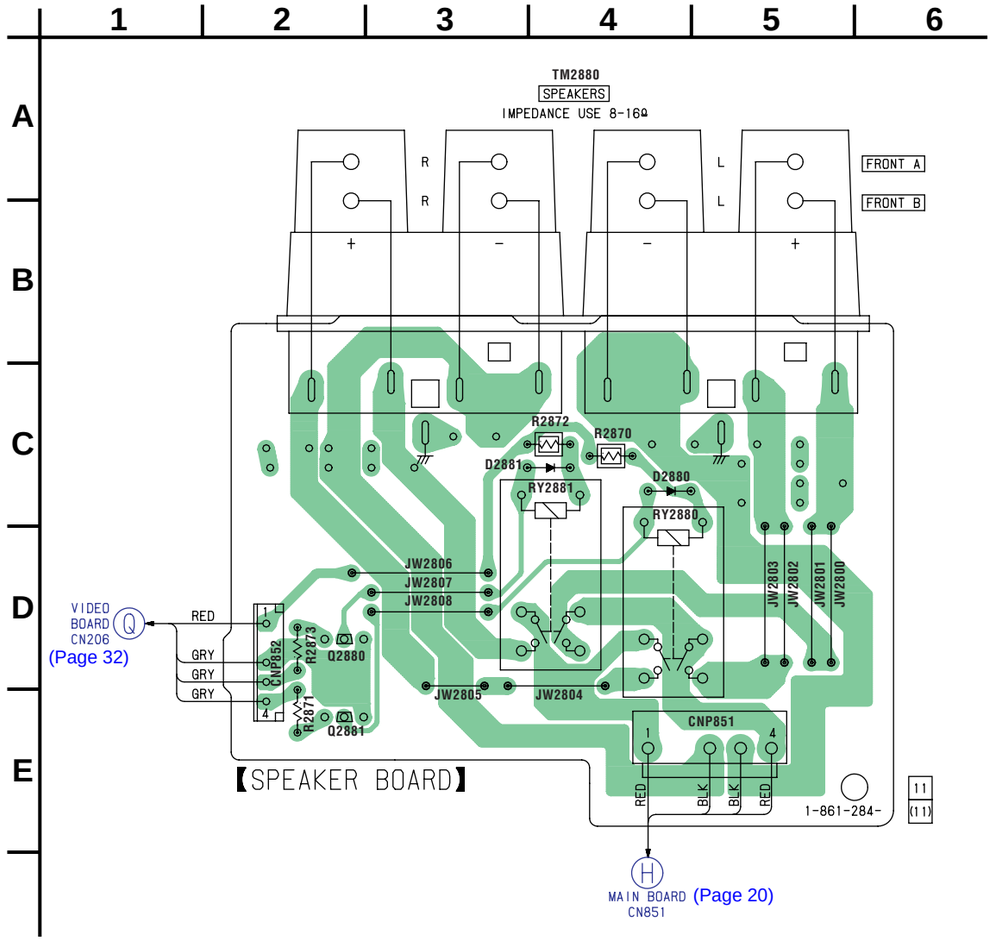
4-22. SCHEMATIC DIAGRAM — VIDEO SECTION (1/2) — • Refer to page 19 for Common Note on Schematic Diagram and Waveforms and page 46 for IC Block Diagrams.



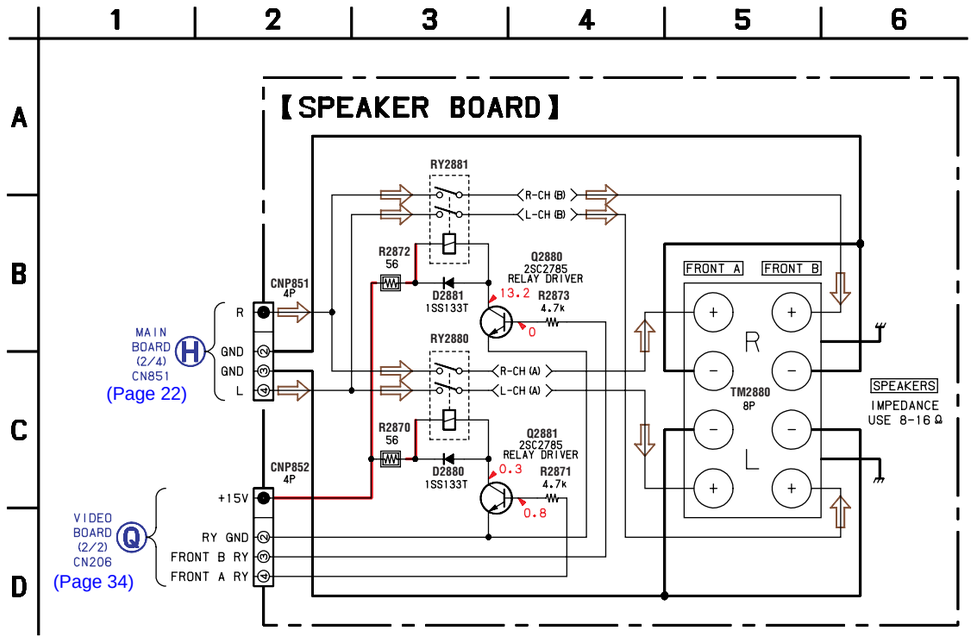
4-23. SCHEMATIC DIAGRAM — VIDEO SECTION (2/2) — • Refer to page 19 for Common Note on Schematic Diagram and Waveforms and page 46 for IC Block Diagrams.



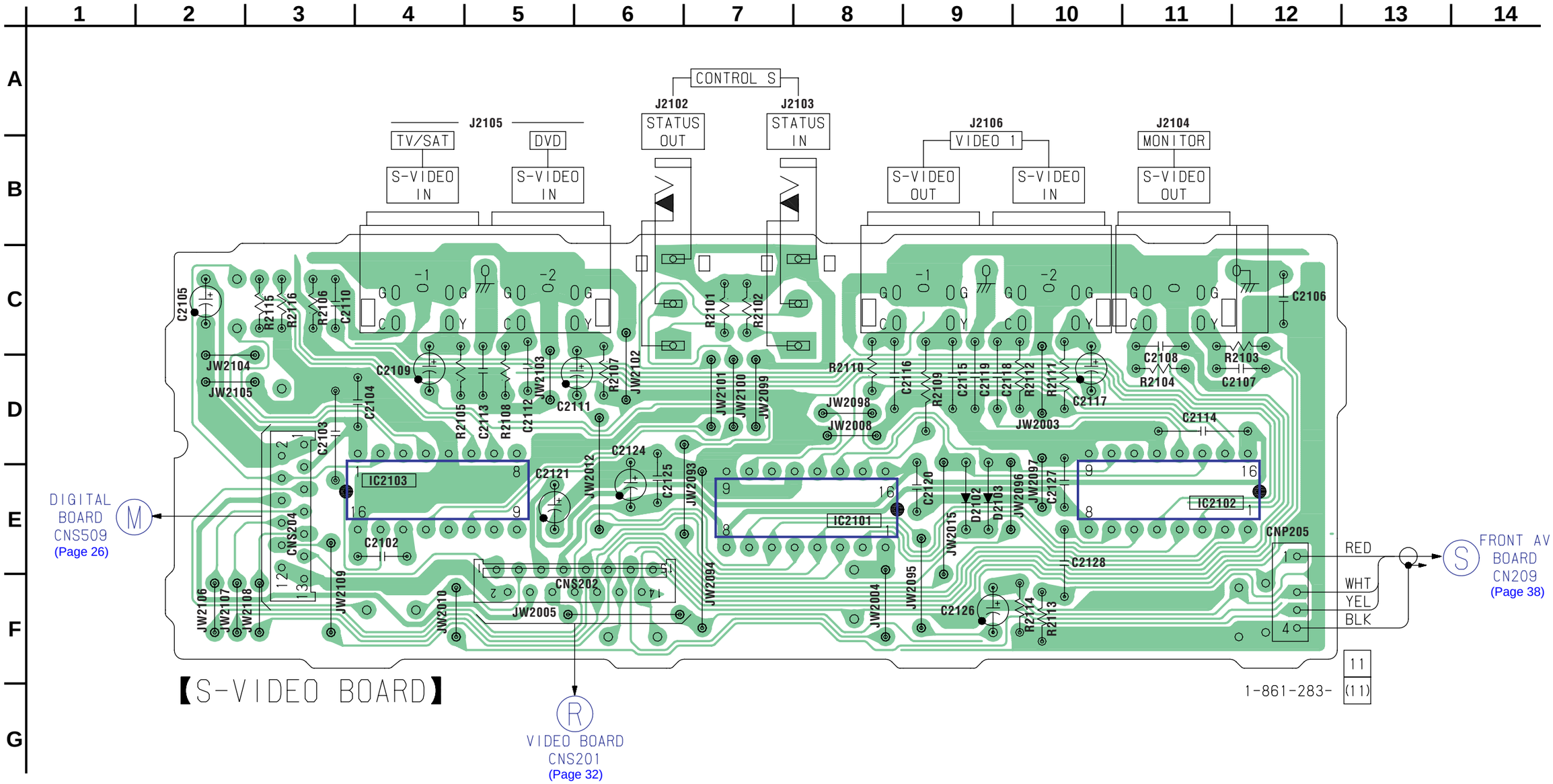
4-24. PRINTED WIRING BOARD — SPEAKER SECTION — • Refer to page 12 for Circuit Boards Location and page 19 for Common Note on Printed Wiring Boards.



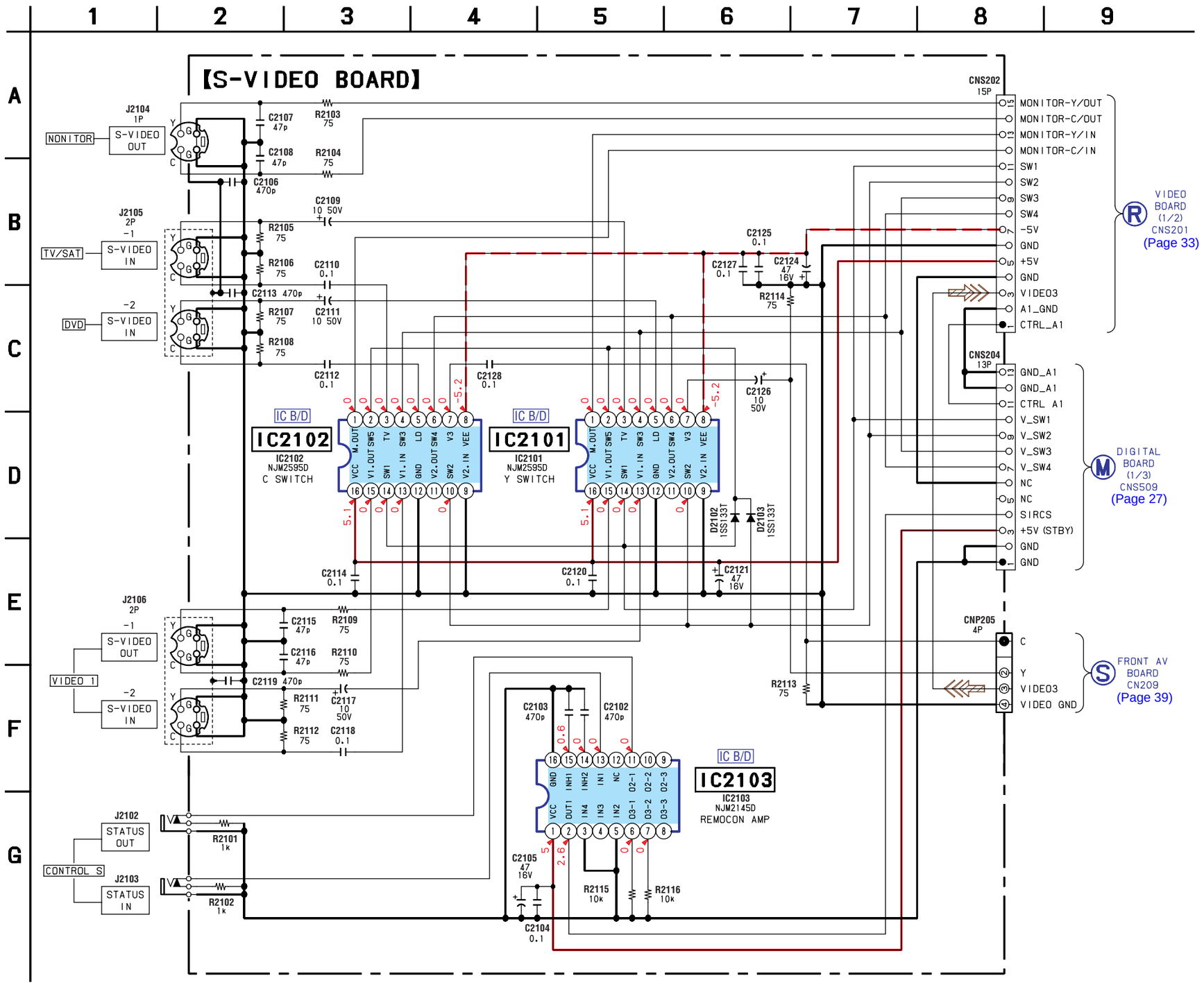
4-25. SCHEMATIC DIAGRAM — SPEAKER SECTION — • Refer to page 19 for Common Note on Schematic Diagram.



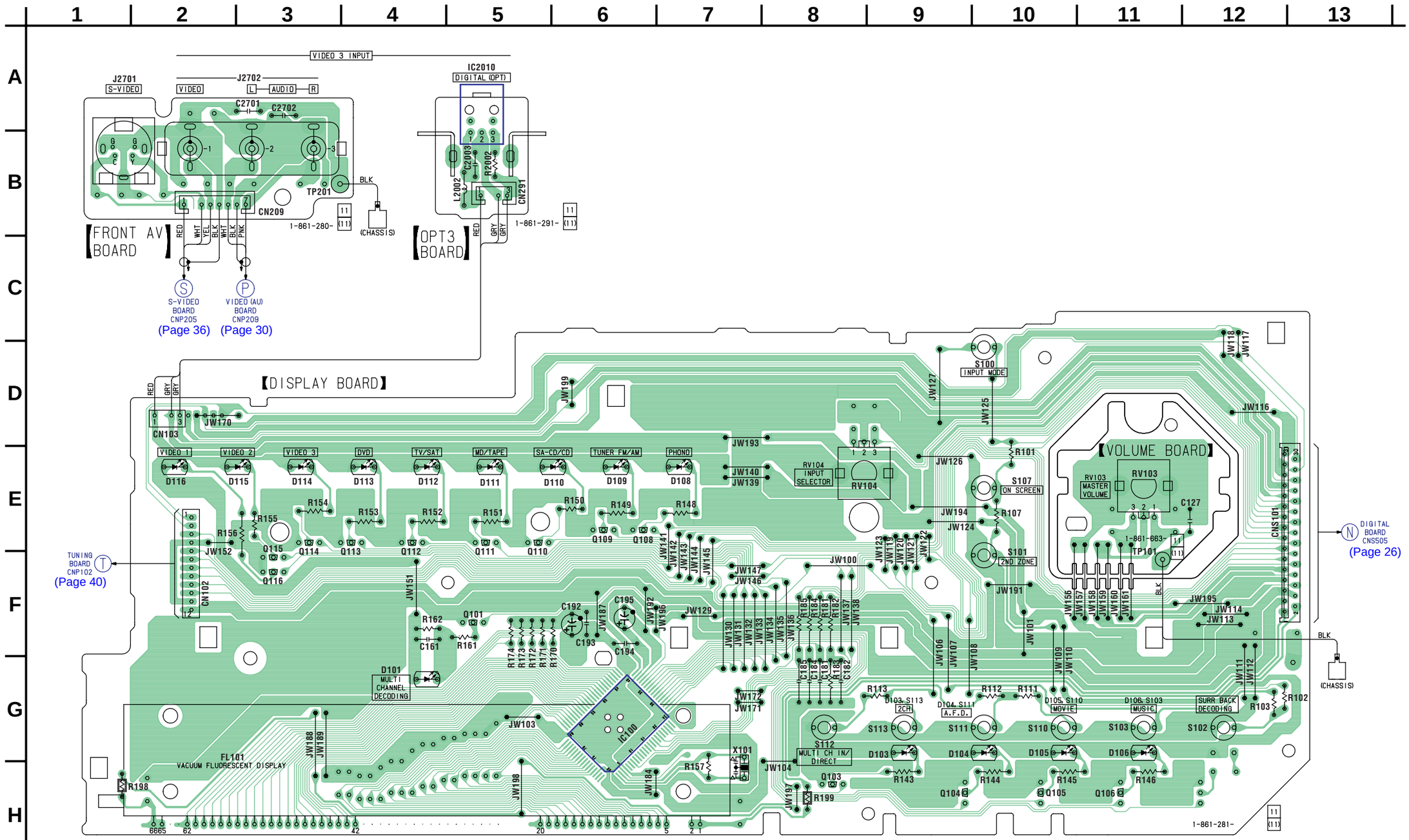
4-26. PRINTED WIRING BOARD — S-VIDEO SECTION — • Refer to page 12 for Circuit Boards Location and page 19 for Common Note on Printed Wiring Boards.



4-27. SCHEMATIC DIAGRAM — S-VIDEO SECTION — • Refer to page 19 for Common Note on Schematic Diagram and page 46 for IC Block Diagrams.



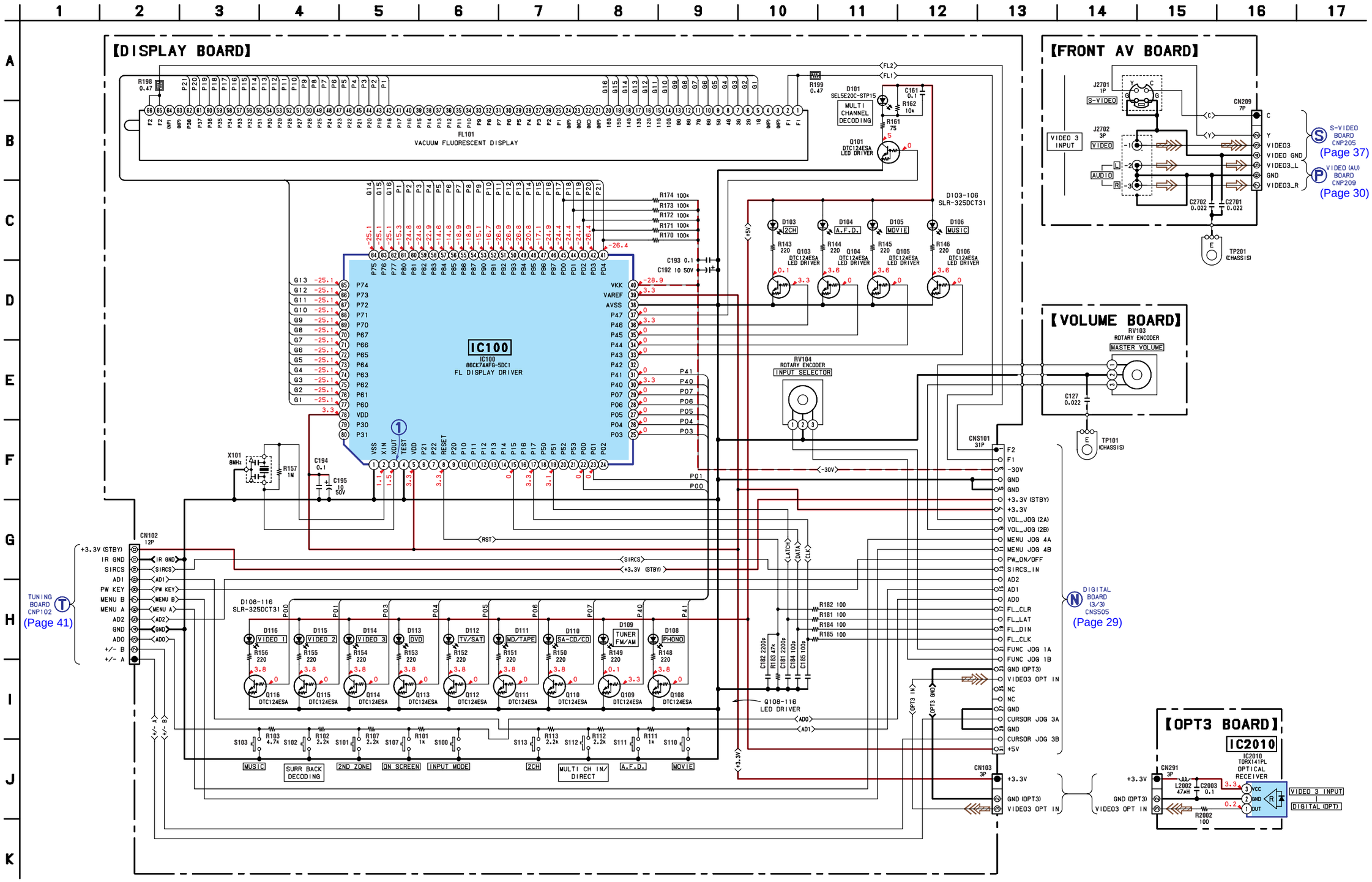
4-28. PRINTED WIRING BOARDS — PANEL SECTION (1/2) — • Refer to page 12 for Circuit Boards Location and page 19 for Common Note on Printed Wiring Boards.



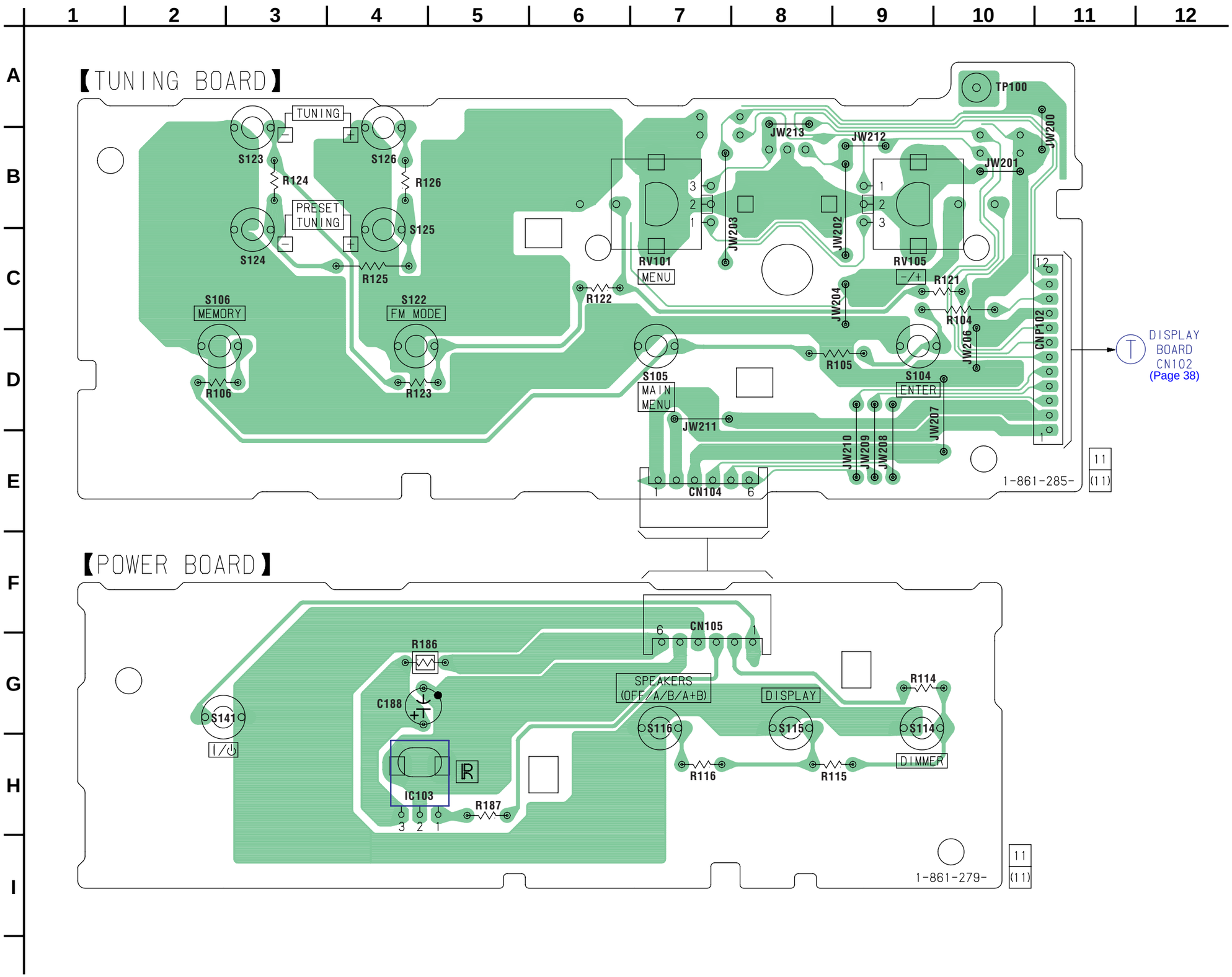
• Semiconductor Location

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D101	G-4	D114	E-3	Q106	H-11
D103	G-9	D115	E-3	Q108	E-6
D104	G-10	D116	E-2	Q109	E-6
D105	G-10			Q110	E-5
D106	G-11	IC100	G-6	Q111	E-5
D108	E-7	IC2010	B-5	Q112	E-4
D109	E-6			Q113	E-4
D110	E-6	Q101	F-5	Q114	E-3
D111	E-5	Q103	H-8	Q115	E-3
D112	E-4	Q104	H-9	Q116	F-3
D113	E-4	Q105	H-10		

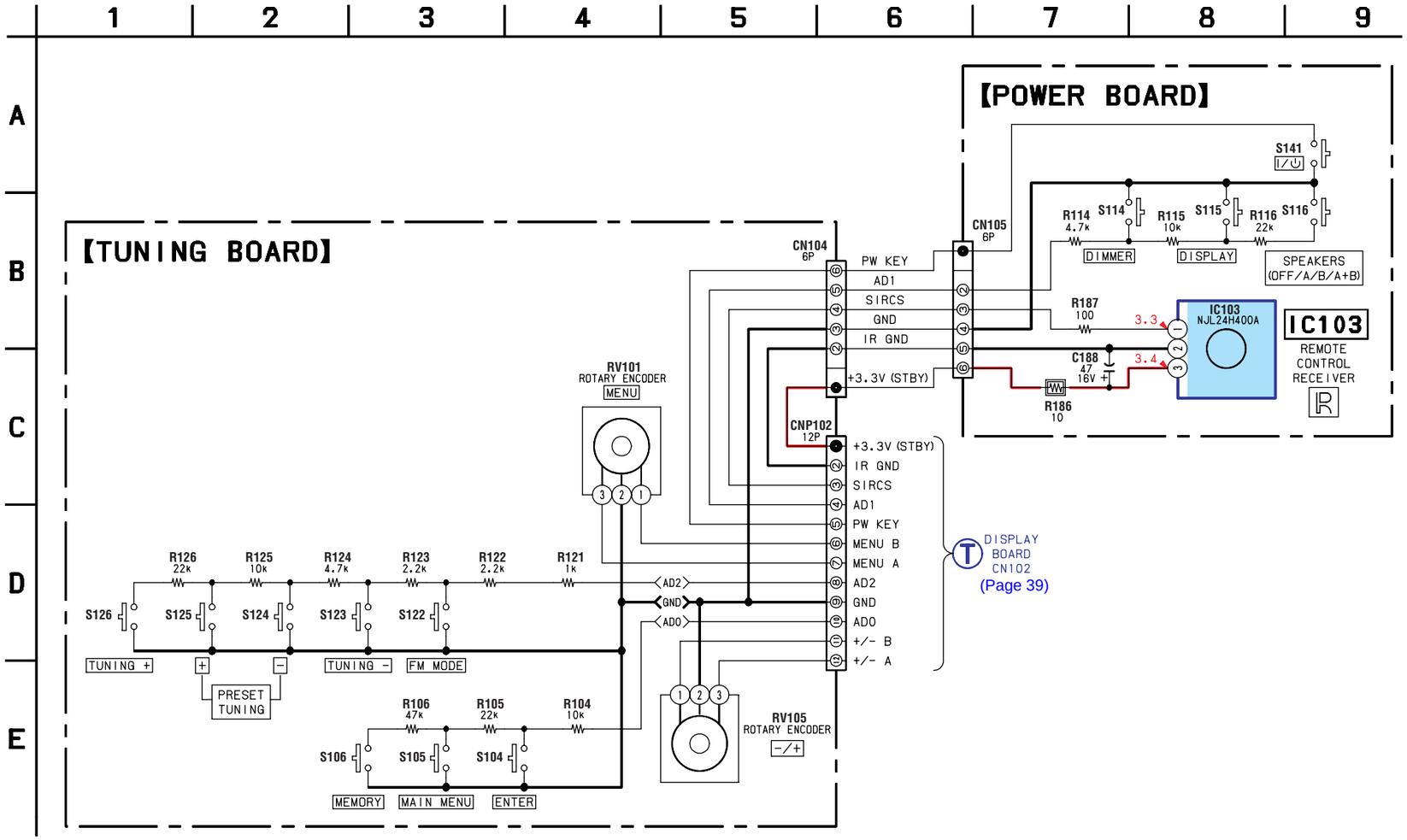
4-29. SCHEMATIC DIAGRAM — PANEL SECTION (1/2) — • Refer to page 19 for Common Note on Schematic Diagram and Waveform.



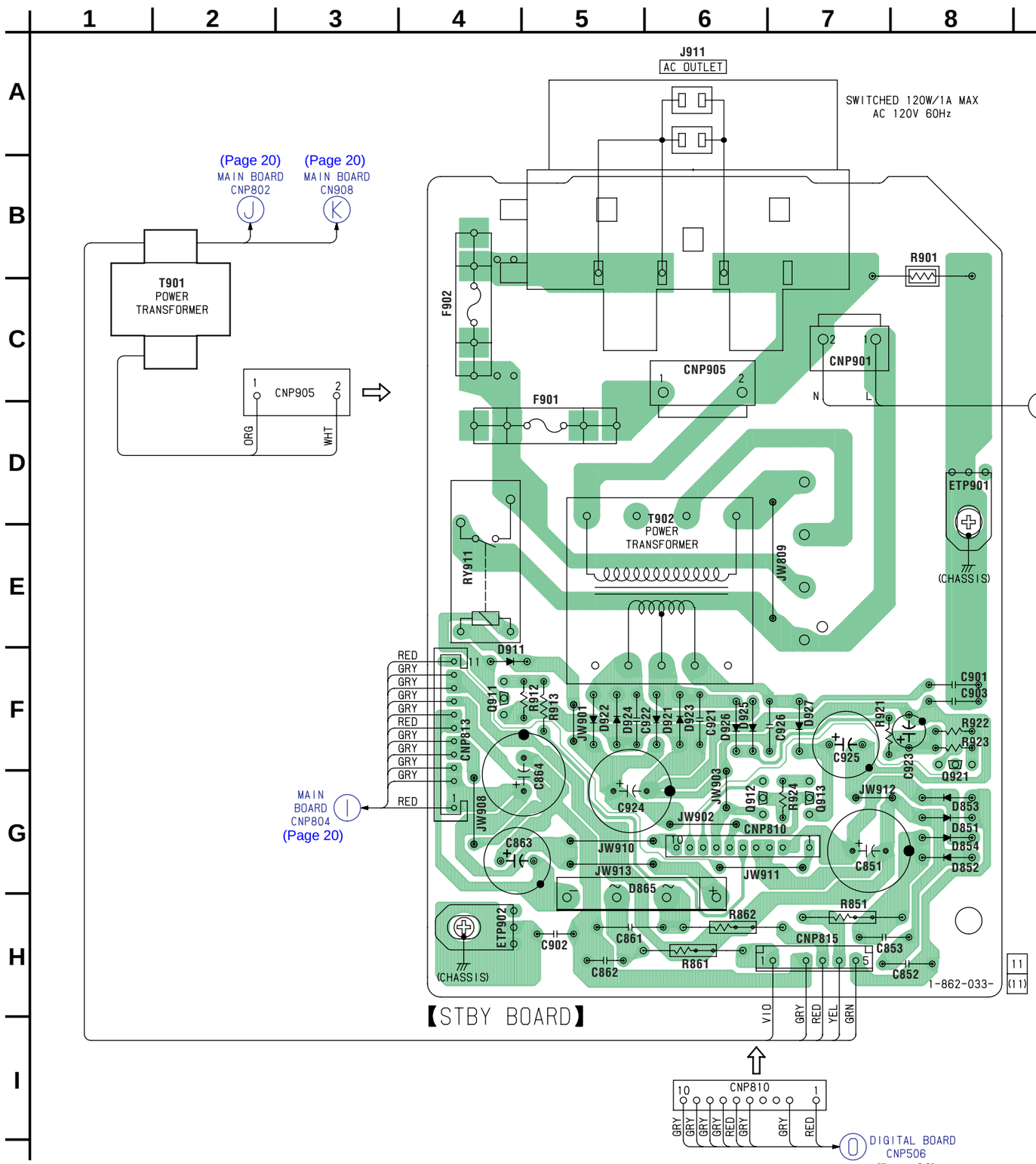
4-30. PRINTED WIRING BOARDS — PANEL SECTION (2/2) — • Refer to page 12 for Circuit Boards Location and page 19 for Common Note on Printed Wiring Boards.



4-31. SCHEMATIC DIAGRAM — PANEL SECTION (2/2) — • Refer to page 19 for Common Note on Schematic Diagram.



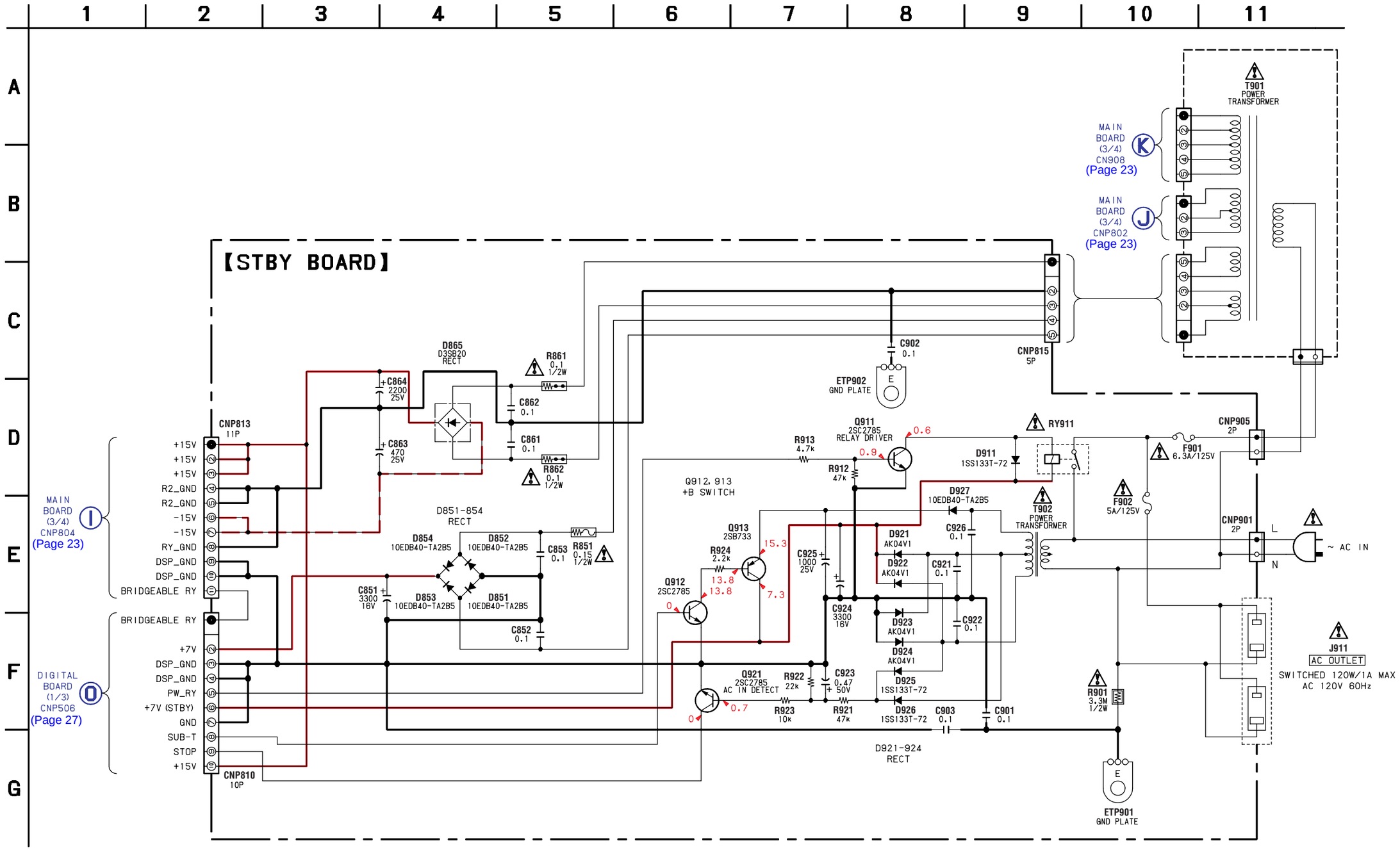
4-32. PRINTED WIRING BOARDS — POWER SECTION — • Refer to page 12 for Circuit Boards Location and page 19 for Common Note on Printed Wiring Boards.



- **Semiconductor Location**

Ref. No.	Location
D851	G-8
D852	G-8
D853	G-8
D854	G-8
D865	G-5
D911	F-4
D921	F-6
D922	F-5
D923	F-6
D924	F-5
D925	F-6
D926	F-6
D927	F-7
Q911	F-4
Q912	G-6
Q913	G-7
Q921	F-8

4-33. SCHEMATIC DIAGRAM — POWER SECTION — • Refer to page 19 for Common Note on Schematic Diagram.

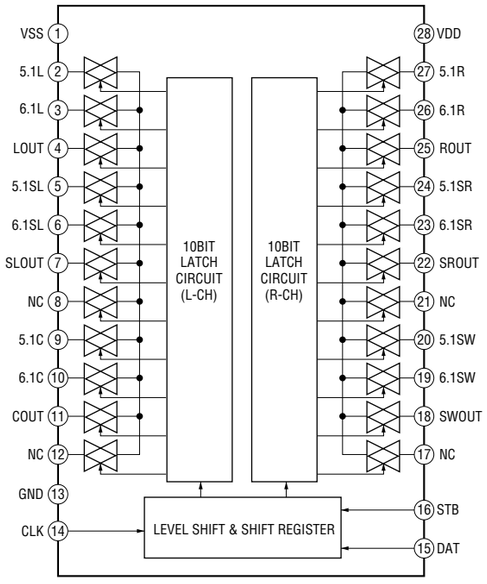


The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

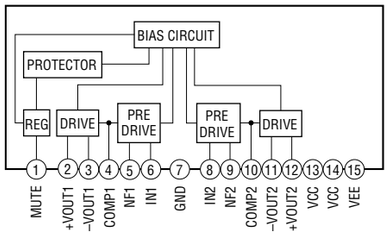
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

4-34. IC BLOCK DIAGRAMS

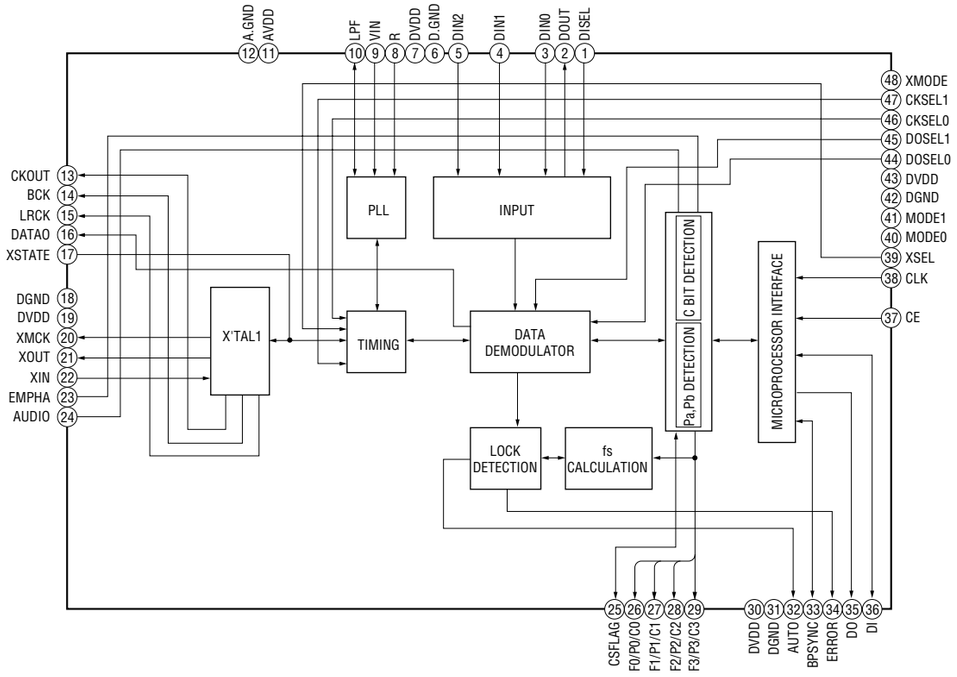
IC402 TC9273N-011 (MAIN BOARD (1/4))



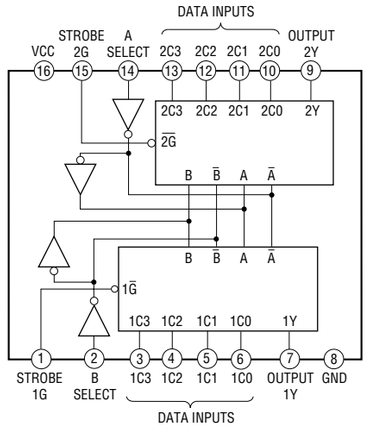
IC400 μPC2581V-S (MAIN BOARD (2/4))
IC500 μPC2581V-S (MAIN BOARD (2/4))
IC600 μPC2581V-S (MAIN BOARD (4/4))
IC700 μPC2581V-S (MAIN BOARD (4/4))



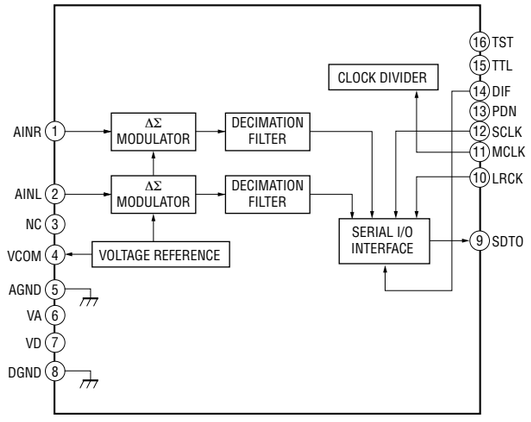
IC1301 LC89056W-E (DIGITAL BOARD (1/3))



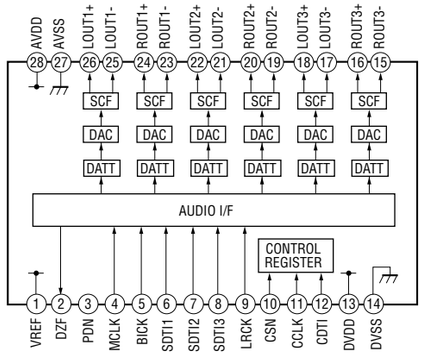
IC1302 TC74ACT153F(EL) (DIGITAL BOARD (1/3))



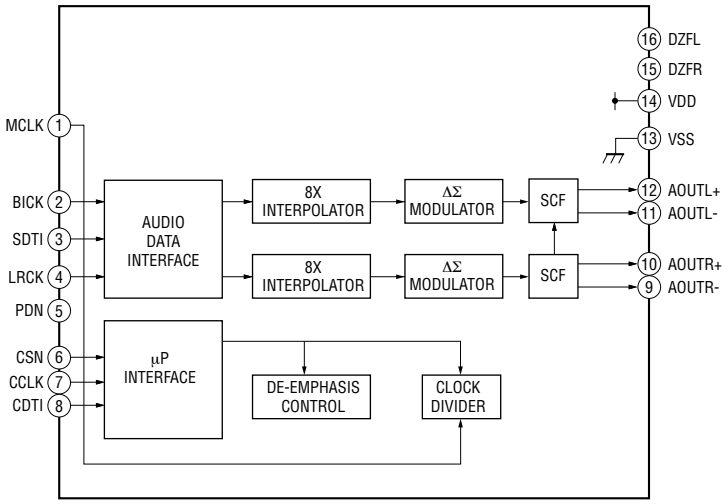
IC1401 AK5380VT-E2 (DIGITAL BOARD (2/3))



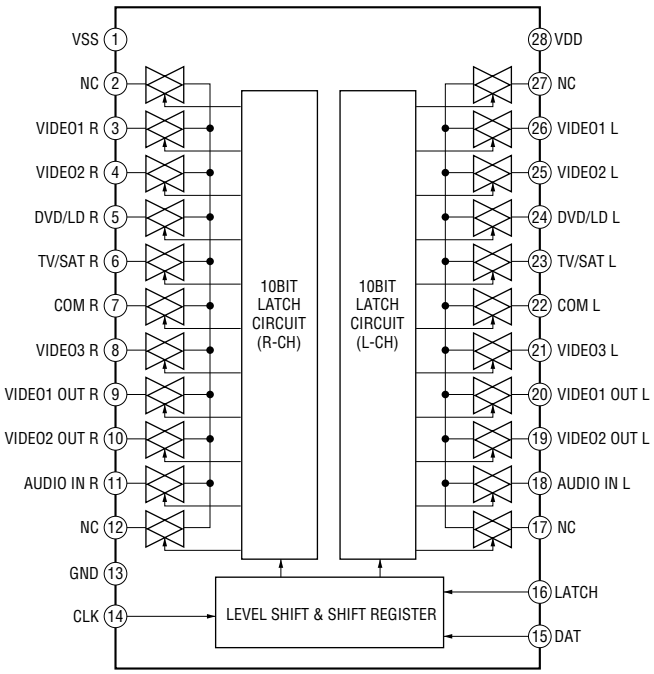
IC1452 AK4355VF-E2 (DIGITAL BOARD (2/3))



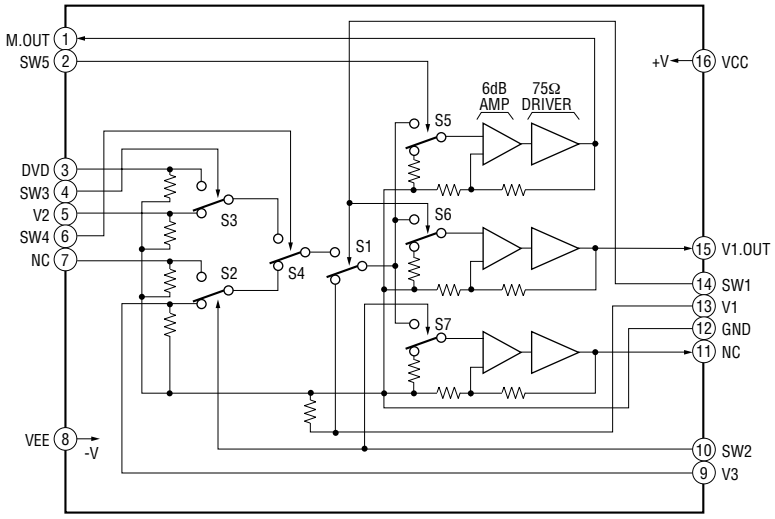
IC1451 AK4381VT-E2 (DIGITAL BOARD (2/3))



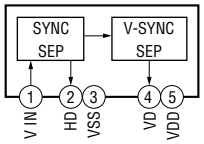
IC2560 TC9273N-006 (VIDEO (AU) BOARD)



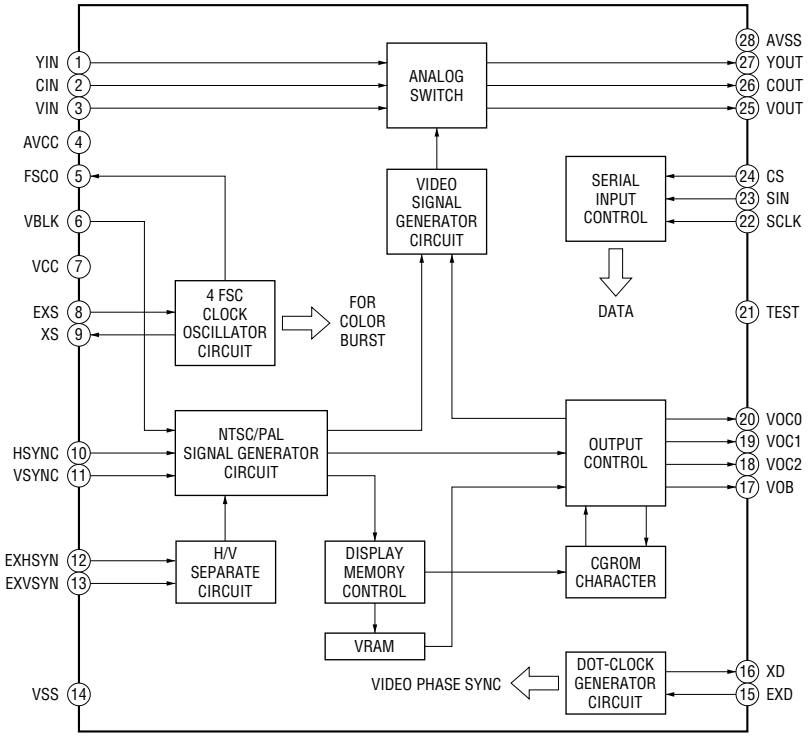
IC3201 NJM2595M-TE2 (VIDEO BOARD (1/2))
IC2101 NJM2595D (S-VIDEO BOARD)
IC2102 NJM2595D (S-VIDEO BOARD)



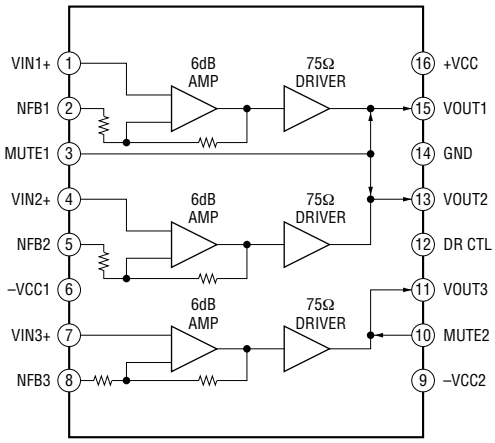
IC3253 LA7213 (VIDEO BOARD (1/2))
IC3731 LA7213 (VIDEO BOARD (2/2))



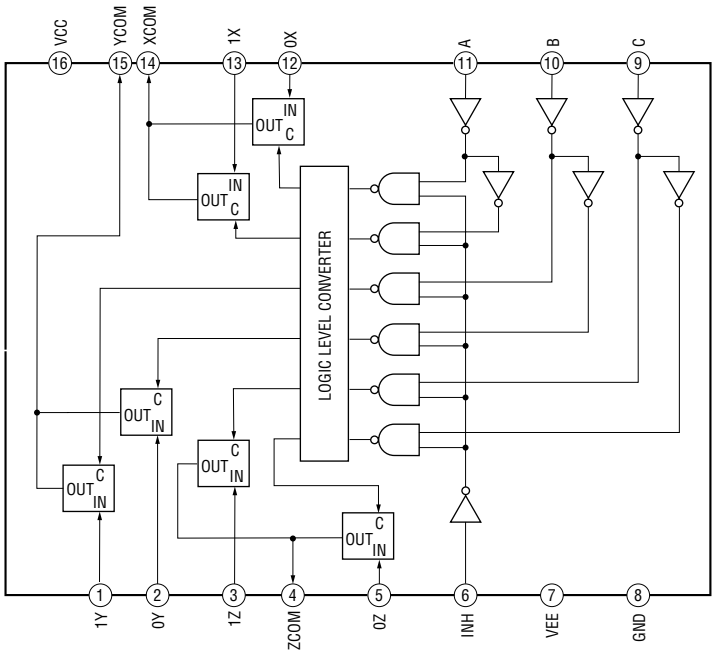
IC3501 MB90089PF-G-238-BND (VIDEO BOARD (1/2))



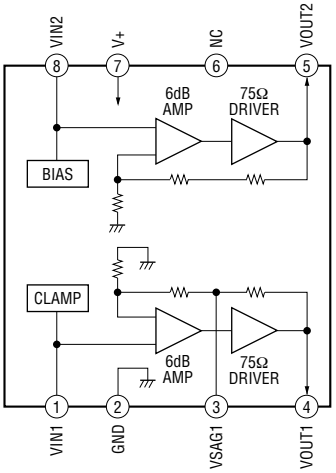
IC3321 LA7106M-TLM (VIDEO BOARD (1/2))



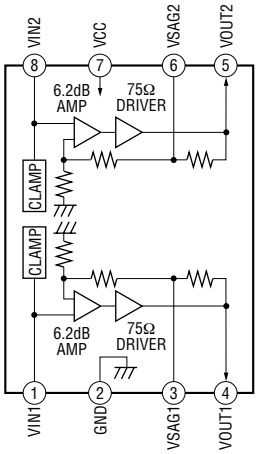
IC3651 MC74HC4053AFEL (VIDEO BOARD (2/2))
IC3751 MC74HC4053AFEL (VIDEO BOARD (2/2))



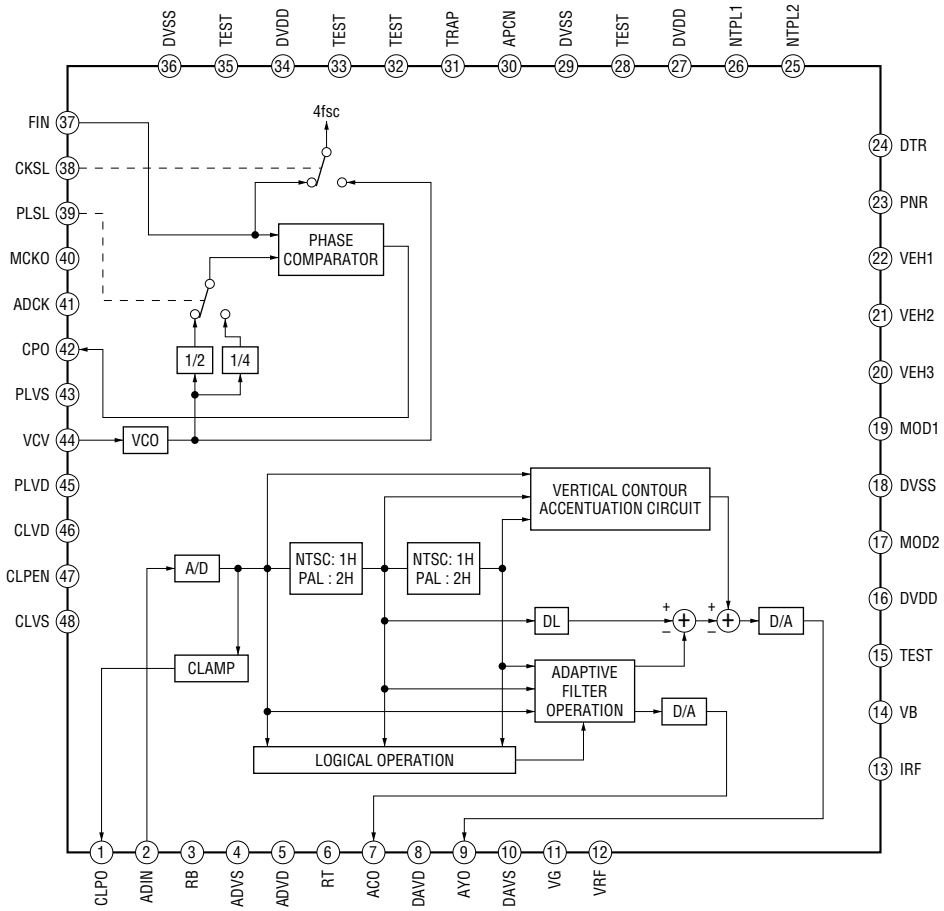
IC3671 NJM2268V(TE2) (VIDEO BOARD (2/2))
IC3741 NJM2268V(TE2) (VIDEO BOARD (2/2))



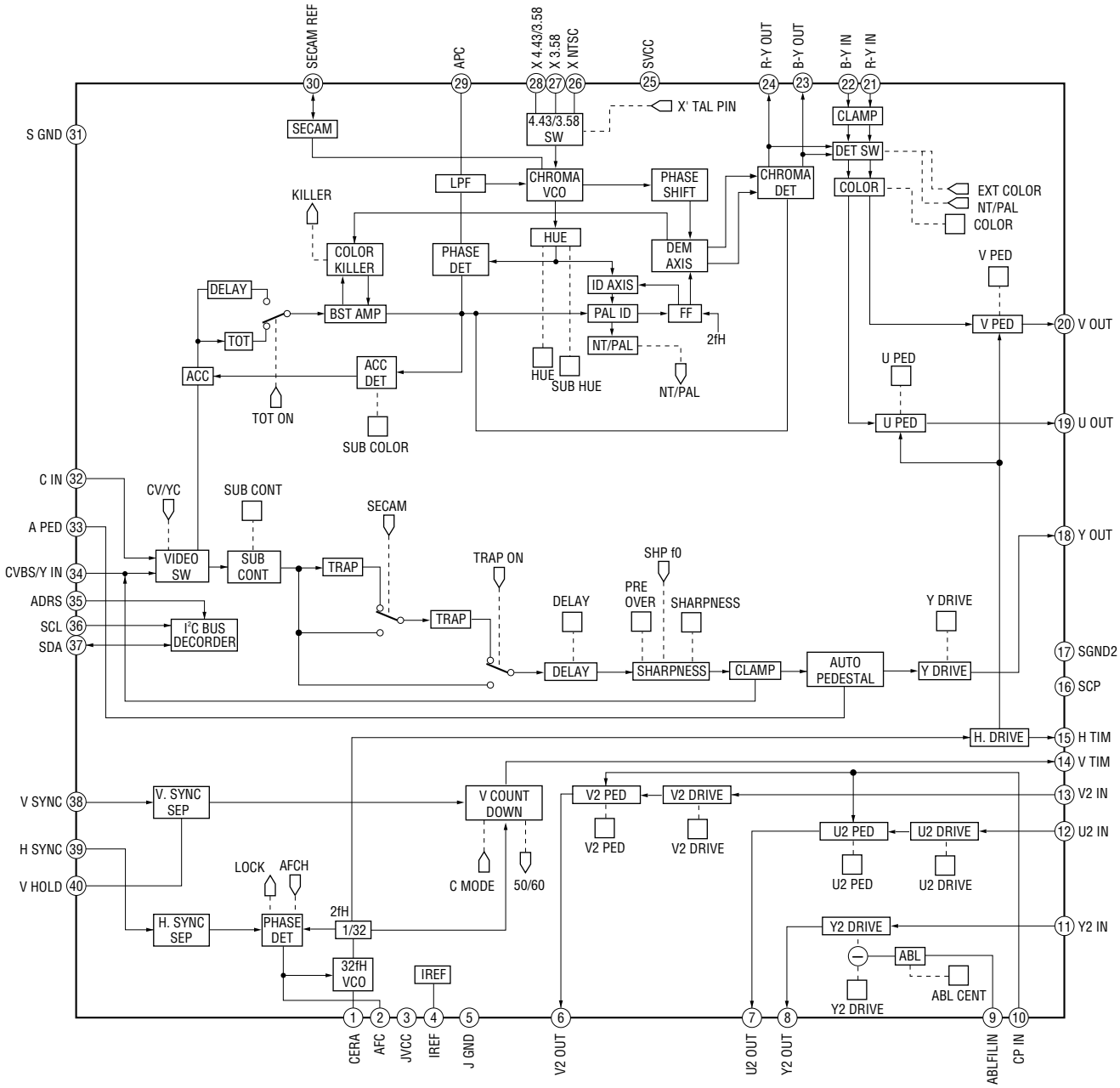
IC3641 NJM2267M(TE2) (VIDEO BOARD (2/2))



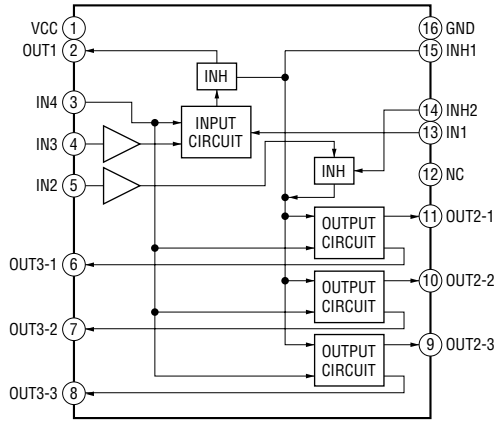
IC3601 CXD2064Q (VIDEO BOARD (2/2))



IC3701 CXA2199Q (VIDEO BOARD (2/2))



IC2103 NJM2145D (S-VIDEO BOARD)



• IC Pin Descriptions

IC1501 CXD9718Q (DSP) (DIGITAL Board (2/3))

Pin No.	Pin Name	I/O	Pin Description
1	VSS	—	Ground
2	XRST	I	Reset signal input from SYSTEM CONTROL IC
3	EXTIN	I	Not used (Connect to ground)
4	LRCKI3	I	Not used (Connect to ground)
5	VDDI	I	Power supply pin (+2.6 V)
6	BCKI3	I	Not used (Connect to ground)
7	PLOCK	O	PLL lock signal output for SYSTEM CONTROL IC
8	VSS	—	Ground
9	MCLK1	I	Clock signal input (13.9 MHz)
10	VDDI	I	Power supply pin (+2.6 V)
11	VSS	—	Ground
12	MCLK2	O	Clock signal output (13.9 MHz)
13	MS	I	Not used (Fixed at L)
14	SCKOUT	O	Internal system clock signal output for 2CH/6CH DAC IC
15	LRCKI1	I	Sampling clock signal input from ADC IC
16	VDDE	I	Power supply pin (+3.3 V)
17	BCKI1	I	Bit clock signal input from ADC IC
18	SDI1	I	Audio IF data input from ADC IC
19	LRCKO	O	Sampling clock signal output for 2CH/6CH DAC IC
20	BCKO	O	Bit clock signal output for 2CH/6CH DAC IC
21	VSS	—	Ground
22	KFSIO	I/O	Audio clock signal (384fs/256fs) input/output for DIR IC
23 to 25	SDO1 to SDO3	O	Digital audio serial data output for 6CH DAC IC
26	SDO4	O	Digital audio serial data output for 2CH DAC IC
27	SPDIF	O	Not used (Open)
28	LRCKI2	I	Sampling clock signal input from ADC IC
29	BCKI2	I	Bit clock signal input from ADC IC
30	SDI2	I	Digital audio serial data input from DIR IC
31	VSS	—	Ground
32	HACN	O	Acknowledge signal output for SYSTEM CONTROL IC
33	HDIN	I	Serial data input from SYSTEM CONTROL IC
34	HCLK	I	Clock signal input from SYSTEM CONTROL IC
35	HDOUT	O	Serial data output for SYSTEM CONTROL IC
36	HCS	I	Chip select signal input from SYSTEM CONTROL IC
37	GP12	I	GP12 signal input from SYSTEM CONTROL IC
38, 39	GP13, GP14	O	Not used (Open)
40	VDDI	I	Power supply pin (+2.6 V)
41	VSS	—	Ground
42	GP15	O	Not used (Open)
43	OE0	O	Not used (Open)
44	CS0	O	External memory chip select signal output for D/A converter IC (SDRAM)
45	WE0	O	SDRAM write enable signal output for D/A converter IC (SDRAM)
46	VDDE	I	Power supply pin (+3.3 V)
47	WMD1	I	Not used (Fixed at H)
48	VSS	—	Ground
49	WMD0	I	Not used (Fixed at H)
50	PAGE2	O	Not used (Open)
51	VSS	—	Ground
52, 53	PAGE1, PAGE0	O	Not used (Open)
54	BOOT	I	Not used (Connect to ground)
55	TST1	O	Not used (Open)

Pin No.	Pin Name	I/O	Pin Description
56	BST	I	Boot stop signal input from SYSTEM CONTROL IC
57	MOD1	I	Operation mode signal input (L: 386fs, H: 256fs) (Fixed at H)
58	MOD0	I	Operation mode signal input (L: single chip mode, H: use prohibited) (Fixed at L)
59	EXLOCK	I	Error detection signal input from DIR IC
60	VDDI	I	Power supply pin (+2.6 V)
61	VSS	—	Ground
62, 63	A17, A16	O	Not used (Open)
64 to 66	A15 to A13	O	External memory address signal output for D/A converter IC (SDRAM)
67	GP10	O	Not used (Open)
68	GP9	O	GP9 signal output for SYSTEM CONTROL IC
69	GP8	I	Audio signal input from DIR IC
70	VDDI	I	Power supply pin (+2.6 V)
71	VSS	—	Ground
72 to 75	D15/GP7 to D12/GP4	I/O	External memory data input/output for D/A converter IC (general port)
76	VDDE	I	Power supply pin (+3.3 V)
77 to 80	D11/GP3 to D8/GP0	I/O	External memory data input/output for D/A converter IC (general port)
81	VSS	—	Ground
82	A9	O	External memory address signal output for D/A converter IC (SDRAM)
83 to 85	A12 to A10	O	External memory address signal output for D/A converter IC (SDRAM)
86	TDO	O	Not used (Fixed at H)
87	TMS	I	Not used (Fixed at H)
88	XTRST	I	Not used (Fixed at H)
89	TCK	I	Not used (Fixed at H)
90	TDI	I	Not used (Fixed at H)
91	VSS	—	Ground
92 to 97	A8 to A3	O	External memory address signal output for D/A converter IC (SDRAM)
98, 99	D7, D6	I/O	External memory data input/output for D/A converter IC (SDRAM)
100	VDDI	I	Power supply pin (+2.6 V)
101	VSS	—	Ground
102 to 105	D5 to D2	I/O	External memory data input/output for D/A converter IC (SDRAM)
106	VDDE	I	Power supply pin (+3.3 V)
107, 108	D1, D0	I/O	External memory data input/output for D/A converter IC (SDRAM)
109, 110	A2, A1	O	External memory address signal output for D/A converter IC (SDRAM)
111	VSS	—	Ground
112	A0	O	External memory address signal output for D/A converter IC (SDRAM)
113	PM	I	PLL initialization signal input from SYSTEM CONTROL IC
114, 115	SDI3, SDI4	I	Not used (Open)
116	SYNC	I	Sync/async select signal input (L: sync, H: async) (Fixed at H)
117	TST2	I	Not used (Connect to ground)
118	GP11	I	Not used (Connect to ground)
119	TST3	I	Not used (Connect to ground)
120	VDDI	I	Power supply pin (+2.6 V)

IC1101 MB91154PFV-G-119-BNDE1 (SYSTEM CONTROL) (DIGITAL Board (3/3))

Pin No.	Pin Name	I/O	Pin Description
1	[7.1_DAT]	O	MULTI CH IN DATA
2	[7.1_CLK]	O	MULTI CH IN CLOCK
3	[006_LAT]	O	TC9273_006 LATCH
4	[011_LAT]	O	TC9273_011 LATCH
5	SUB-T	O	SUB TRANSFORMER VOLT O/P
6 to 8	NO_USE	—	Not used (Fixed at L)
9	VSS	—	Ground
10	FUNCTION_JOG_1B	I	FUNCTION JOG 1B
11	FUNCTION_JOG_1A	I	FUNCTION JOG 1A
12	CURSOR_JOG_3B	I	CURSOR JOG 3B
13	CURSOR_JOG_3A	I	CURSOR JOG 3A
14	MENU_JOG_4B	I	MENU JOG 4B
15	MENU_JOG_4A	I	MENU JOG 4A
16	VOL_JOG_2B	I	VOLUME JOG 2B
17	VOL_JOG_2A	I	VOLUME JOG 2A
18	SP_A_RY	O	SPEAKER A RELAY CONTROL
19	SP_B_RY	O	SPEAKER B RELAY CONTROL
20	CENTER_RY	O	CENTER RELAY CONTROL
21	REAR_RY	O	REAR CH RELAY CONTROL
22	WOOFER_RY	O	WOOFER RELAY CONTROL
23	PROTECTOR	I	PROTECTOR CIRCUIT
24	HP_CTRL	I	HP DETECTION SW
25	PW_RY	O	POWER RELAY CONTROL
26	VSS	—	Ground
27	VCC	—	Power supply pin (+3.3 V)
28	TUNER_STEREO	I	TUNER STEREO IN
29	TUNER_AUTO_STOP	I	TUNER AUTO STOP IN
30	TUNER_MUTE	O	TUNER MUTE
31	TUNER_DO	I	TUNER DO
32	T.SERIAL_CLK	O	TUNER SERIAL CLOCK
33	T.DATA	O	TUNER DATA
34	T.LAT	O	TUNER LATCH
35	NO_USE	—	Not used (Fixed at L)
36 to 39	V.SW1 to V.SW4	O	VIDEO SWITCH 1 to 4
40	COMP_SEL2	O	COMPONENT VIDEO SELECT 2
41	2ND_RY	O	2ND ROOM RELAY CONTROL
42	HP_RY	O	HP RELAY CONTROL
43	UPCON_DATA	O	UP CONVERT DATA
44	VSS	—	Ground
45	BRIDGEABLE RY	O	BRIDGEABLE RELAY CONTROL
46	FUSE DETECT	I	Not used (Fixed at H)
47	TC74HCT153_B	O	OPTICAL INPUT SW B
48	TC74HCT153_A	O	OPTICAL INPUT SW A
49	[GP12]	I	DSP1 IC GP12
50, 51	PAGE0,PAGE1	—	Not used (Open)
52	MD2	—	FLASH PROGRAMMING
53	MD1	—	FLASH PROGRAMMING (Fixed at H)
54	MD0	—	FLASH PROGRAMMING
55	RSTX	I	RESET IC
56	VCC	—	Power supply pin (+3.3 V)
57	X1	I	System clock signal input (16.5 MHz)
58	X0	O	System clock signal output (16.5 MHz)

Pin No.	Pin Name	I/O	Pin Description
59	VSS	—	Ground
60	VOLT_DETECT_STOP	I	VOLTAGE DOWN DETECT
61	NO_USE	—	Not used
62	PW_ON/OFF	I	POWER ON/OFF SW
63	SIRCS	I	REMOTE SENSOR
64	V_MUTE	O	VIDEO MUTE CONTROL
65	GROUPING_SW	O	Not used (Fixed at L)
66	COMP_SEL1	O	COMPONENT VIDEO SELECT 1
67	DIR CE	O	DIR CE
68	VCC	—	Power supply pin (+3.3 V)
69	DI	I	DIR DATA IN
70	D.DO	O	DIR DATA OUT
71	ERROR	I	DIR ERROR
72	XRST1	O	AUDIO DSP IC RESET
73	PM1	O	AUDIO DSP IC PM1
74	9718.GB9	I	AUDIO DSP IC GP9
75	9718.BST1	O	AUDIO DSP IC BST1
76	9718.HCS1	O	AUDIO DSP IC HCS1
77	VCC	—	Power supply pin (+3.3 V)
78	9718.HACN1	I	AUDIO DSP IC HACN1
79	9718.PLL1	I	AUDIO DSP IC PLL1
80	DIR_DATAO	O	DIR DATA 0
81	DIR_XSTATE	O	DIR XSTATE
82	DIR_XMODE	O	DIR XMODE
83	DIR_CKSEL1	O	DIR CKSEL1
84	DIR_CLK	O	DIR CLOCK
85	AK5380_PDN	O	AK5380 PDN
86	A1 IN	I	CONTROL A1 INPUT
87	A1 OUT	O	CONTROL A1 OUTPUT
88	AK4355_CSN	O	AK4355 CSN
89	AK4355_CDTI	O	AK4355 CDTI
90	AK4355_CCLK	O	AK4355 CCLK
91	AK4381_CSN	O	AK4381 CSN
92	AK4381_PDN	O	AK4381 PDN
93	AK4355_PDN	O	AK4355 PDN
94	FLASH_A	—	FLASH PROGRAMMING (Fixed at L)
95	FLASH_B	—	FLASH PROGRAMMING (Fixed at L)
96	FLASH_C	—	FLASH PROGRAMMING (Fixed at H)
97	VCC	—	Power supply pin (+3.3 V)
98	VSS	—	Ground
99	EEPROM.SDA	I/O	EEPROM
100	EEPROM.SCL	I/O	EEPROM
101	VSS	—	Ground
102	9718.HCLK	O	AUDIO DSP IC CLOCK
103	HDIN	O	AUDIO DSP DATA IN
104	HDOUT	I	AUDIO DSP HD OUT
105	OSD_CLK	O	OSD CLOCK
106	OSD_DATA	O	OSD DATA
107	OSD_LAT	O	OSD LATCH
108	OSD_ON/OFF	O	OSD ON/OFF
109	SOT1	O	FLASH PROGRAMMING
110	SIN1	I	FLASH PROGRAMMING
111	UPCON_CLK	O	UP CONVERT CLOCK

Pin No.	Pin Name	I/O	Pin Description
112	FL_DIN/F1	O	FL DATA
113	FL_LAT/F2	O	FL LATCH
114	FL_CLK	O	FL CLOCK
115	DRV.CLR/BLUE LED	O	FL CLEAR
116	VOL_IC.DATA	O	VOL IC DATA
117	VOL_IC.CLK	O	VOL IC CLOCK
118	VOL_IC.LAT	O	VOL IC LATCH
119	A_D	O	AUDIO DSP2 IC
120	SYSTEM_MUTE	O	SYSTEM MUTE
121	BST_SEL	O	BST SELECT
122	VCC	—	Power supply pin (+3.3 V)
123 to 125	DA2 to DA0	—	Not used (Open)
126	DAVS	—	Ground
127	DAVC	—	Power supply pin (+3.3 V)
128	AVCC	—	Power supply pin (+3.3 V)
129	AVRH	—	Power supply pin (+3.3 V)
130	AVRL	—	Ground
131	AVSS	—	Ground
132 to 135	AD0 to AD3	I	A/D KEYS
136	AREA	I	Destination (AREA) initial setting input
137 to 139	NO USED	—	Not used (Fixed at L)
140	VCC2	—	Power supply pin (+3.3 V)
141	BACKUP	—	Power supply pin (+3.3 V)
142	X0A	O	Not used (Connected to ground)
143	X1A	I	Not used (Open)
144	VSS	—	Ground

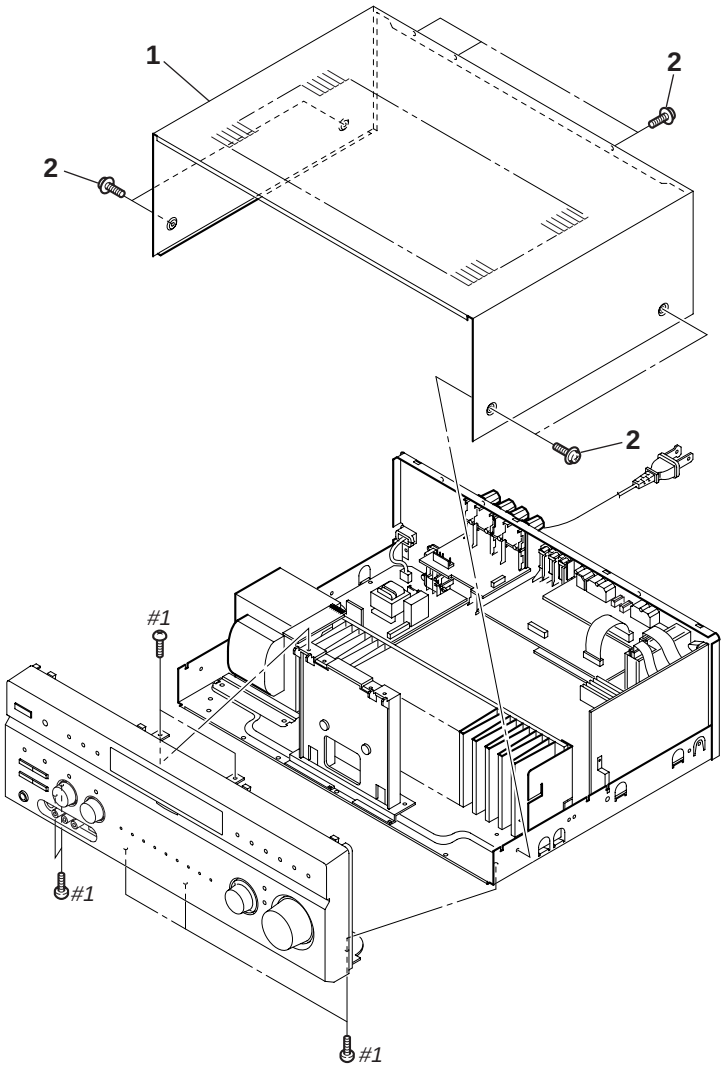
SECTION 5
EXPLODED VIEWS

NOTE:
- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Abbreviation
  CND : Canadian model
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example :
  KNOB, BALANCE (WHITE) ... (RED)
  ↑ ↑
  Parts Color Cabinet's Color
- Accessories are given in the last of this parts list.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

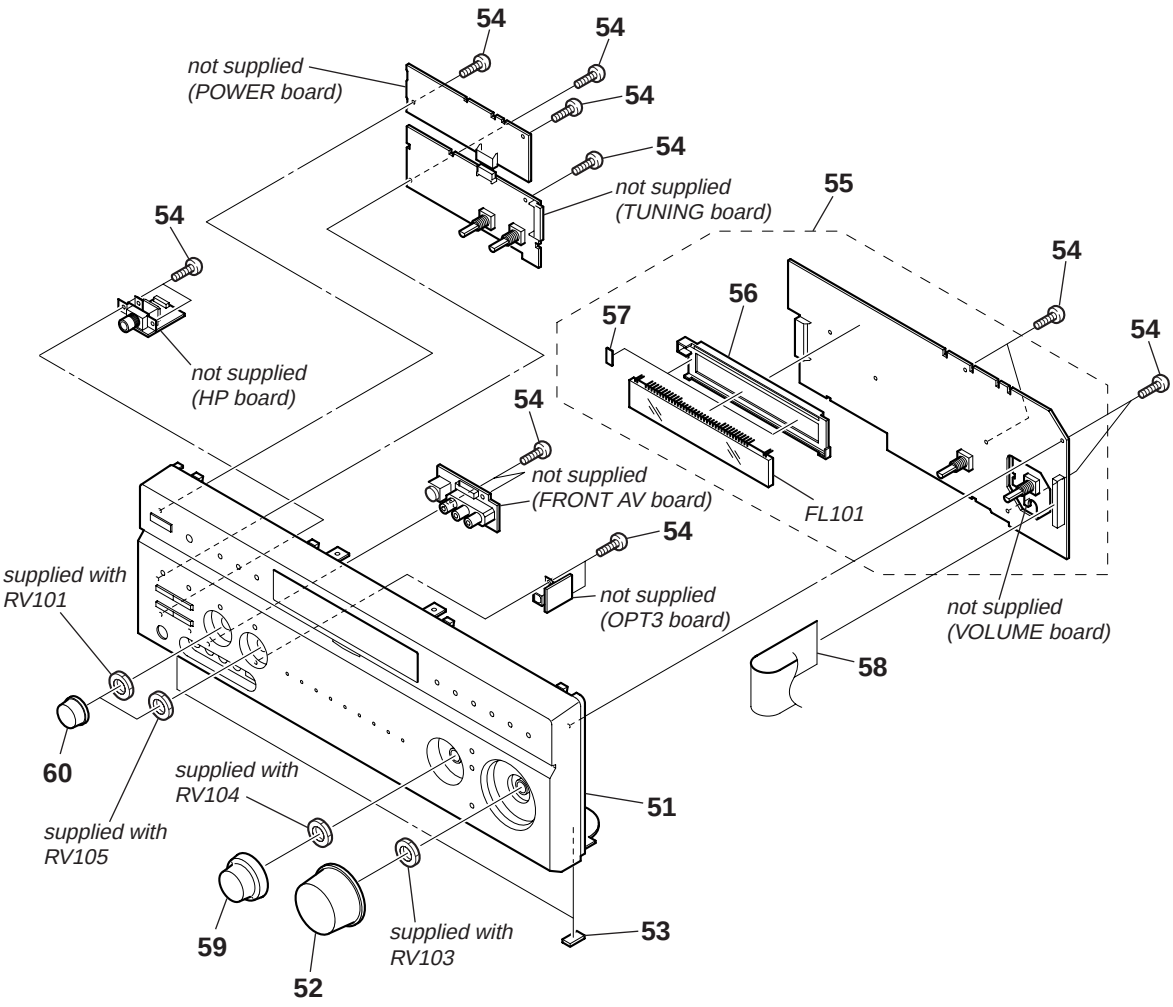
5-1. CASE SECTION



Ref. No.	Part No.	Description	Remark
1	4-232-576-11	CASE (DE9)	
2	4-210-291-01	SCREW (CASE 3 TP2)	

Ref. No.	Part No.	Description	Remark
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

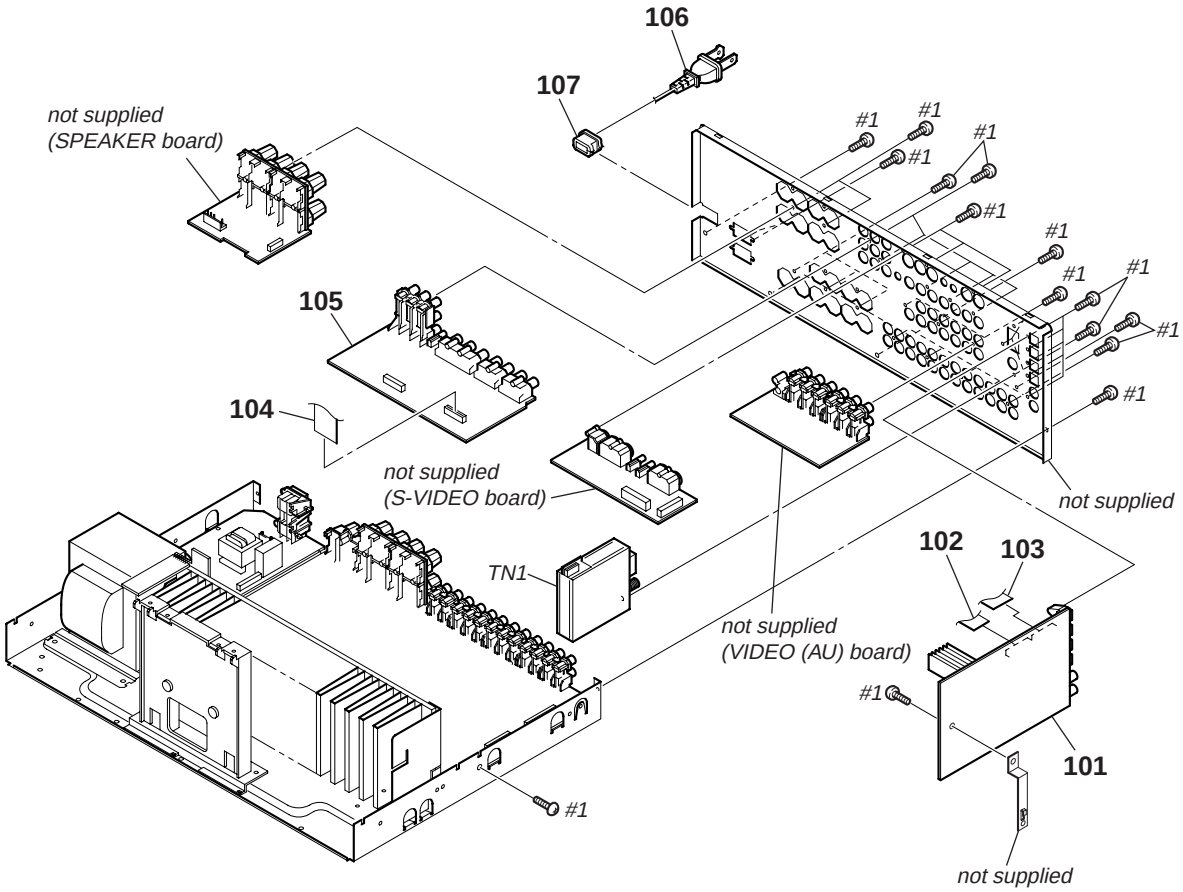
5-2. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark
51	X-4956-471-1	PANEL ASSY, FRONT (US)	
51	X-4956-473-1	PANEL ASSY, FRONT (CND)	
52	4-232-113-01	KNOB (VOL)	
53	4-977-358-01	CUSHION	
54	4-951-620-01	SCREW (2.6X8), +BVTP	
55	A-4753-074-A	DISPLAY BOARD, COMPLETE	

Ref. No.	Part No.	Description	Remark
56	4-244-786-01	HOLDER, FL (DE9)	
* 57	4-955-901-01	CUSHION (FL)	
58	1-773-331-11	WIRE (FLAT TYPE) (31 CORE)	
59	4-252-931-01	KNOB (FUNC)	
60	4-252-389-01	KNOB (MENU)	
FL101	1-518-969-11	VACUUM FLUORESCENT DISPLAY	

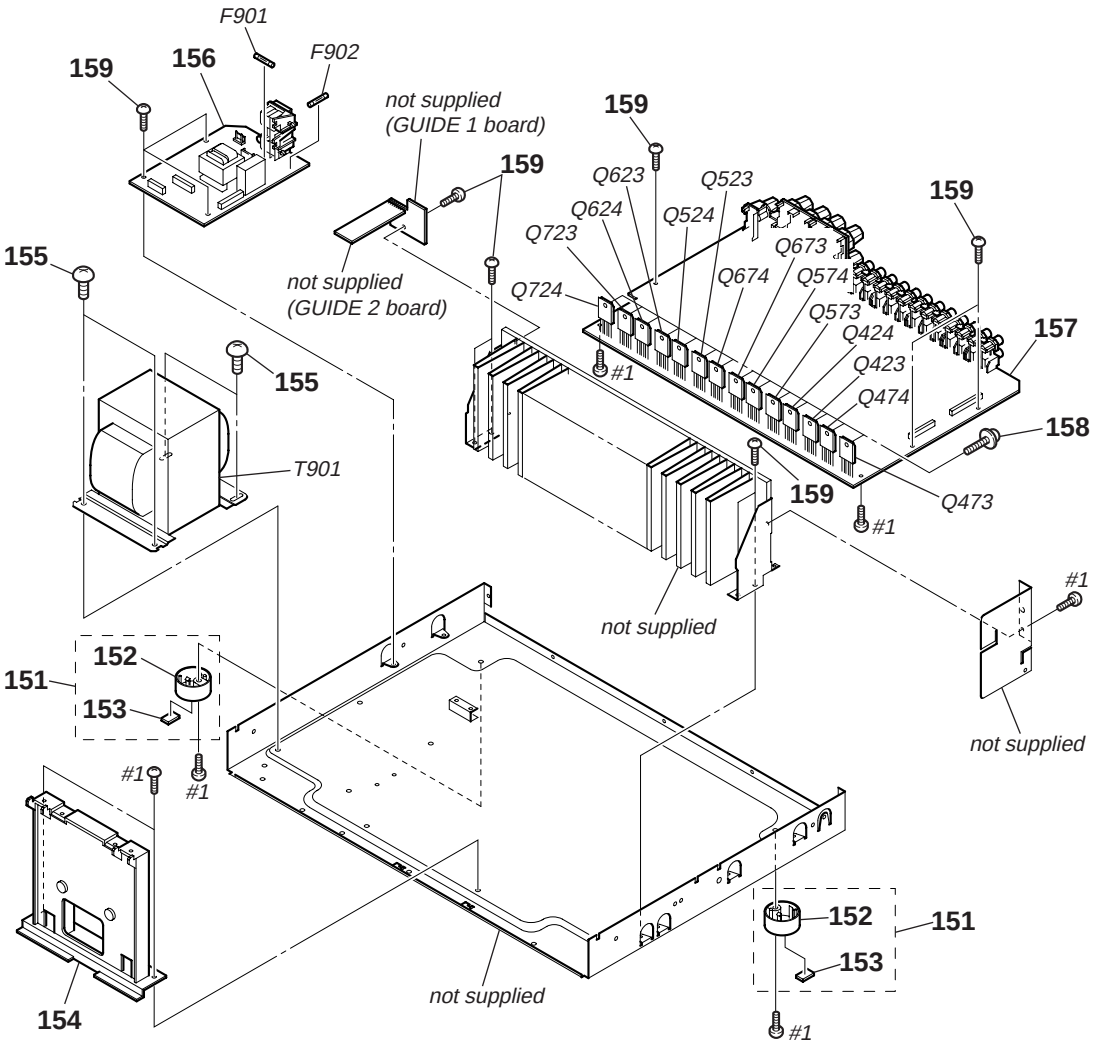
5-3. BACK PANEL SECTION



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
101	A-4753-064-A	DIGITAL BOARD, COMPLETE	
102	1-769-937-11	WIRE (FLAT TYPE) (11 CORE)	
103	1-769-970-11	WIRE (FLAT TYPE) (13 CORE)	
104	1-773-001-11	WIRE (FLAT TYPE) (15 CORE)	
105	A-4753-066-A	VIDEO BOARD, COMPLETE	
⚠106	1-783-820-11	CORD, POWER	
* 107	3-703-244-00	BUSHING (2104), CORD	
TN1	1-693-577-13	TUNER PACK (ANTENNA)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

5-4. CHASSIS SECTION



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
151	X-4953-448-1	FOOT ASSY	
152	4-232-237-01	FOOT (DIA.30)	
153	4-977-358-01	CUSHION	
154	4-233-263-01	SUB MOLD (DE9)	
155	4-249-675-01	+BV SUMITITE S 4X6 ROUND	
156	A-4753-077-A	STBY BOARD, COMPLETE	
157	A-4753-068-A	MAIN BOARD, COMPLETE	
158	3-905-609-01	SCREW (TRANSISTOR)	
159	3-970-608-01	SUMITITE (B3), +BV	
⚠F901	1-576-193-11	FUSE (6.3A/125V)	
⚠F902	1-533-453-12	FUSE, GLASS TUBE (DIA.5) (5A/125V)	
Q423	8-729-051-92	TRANSISTOR 2SD2560	
Q424	8-729-051-93	TRANSISTOR 2SB1647	
Q473	8-729-051-92	TRANSISTOR 2SD2560	
Q474	8-729-051-93	TRANSISTOR 2SB1647	
Q523	8-729-051-92	TRANSISTOR 2SD2560	
Q524	8-729-051-93	TRANSISTOR 2SB1647	
Q573	8-729-051-92	TRANSISTOR 2SD2560	
Q574	8-729-051-93	TRANSISTOR 2SB1647	
Q623	8-729-051-92	TRANSISTOR 2SD2560	
Q624	8-729-051-93	TRANSISTOR 2SB1647	
Q673	8-729-051-92	TRANSISTOR 2SD2560	
Q674	8-729-051-93	TRANSISTOR 2SB1647	
Q723	8-729-051-92	TRANSISTOR 2SD2560	
Q724	8-729-051-93	TRANSISTOR 2SB1647	
⚠T901	1-443-265-11	TRANSFORMER, POWER	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

SECTION 6
ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL:Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F:nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u : µ, for example:
  uA.. : µA.. uPA.. : µPA..
  uPB.. : µPB.. uPC.. : µPC.. uPD.. : µPD..
- CAPACITORS
  uF : µF
- COILS
  uH : µH
- Abbreviation
  CND : Canadian model

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description			Remark
	A-4753-064-A	DIGITAL BOARD, COMPLETE			
		**********			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
		< CAPACITOR >			
C1001	1-126-925-11	ELECT	470uF	20%	10V
C1002	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1005	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1006	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1011	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1012	1-126-925-11	ELECT	470uF	20%	10V
C1021	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1022	1-126-925-11	ELECT	470uF	20%	10V
C1031	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1032	1-126-925-11	ELECT	470uF	20%	10V
C1100	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1101	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1102	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1103	1-126-947-11	ELECT	47uF	20%	35V
C1104	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1105	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1106	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1107	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1108	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1109	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1110	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1119	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1120	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1121	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1122	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1123	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1124	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1126	1-164-816-11	CERAMIC CHIP	220PF	2%	50V
C1127	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1129	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1130	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1131	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1133	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1134	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1135	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1136	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1137	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1138	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1139	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1140	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1141	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1142	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1145	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1217	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1227	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1237	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1247	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1251	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1252	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1253	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1254	1-164-816-11	CERAMIC CHIP	220PF	2%	50V
C1255	1-164-816-11	CERAMIC CHIP	220PF	2%	50V
C1256	1-164-816-11	CERAMIC CHIP	220PF	2%	50V
C1257	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1267	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1277	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1287	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1301	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1302	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1303	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1304	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1305	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1306	1-126-947-11	ELECT	47uF	20%	35V
C1308	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1309	1-162-918-11	CERAMIC CHIP	18PF	5%	50V
C1310	1-162-918-11	CERAMIC CHIP	18PF	5%	50V
C1312	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1313	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1314	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1315	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1316	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1317	1-126-925-11	ELECT	470uF	20%	10V
C1351	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1352	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1353	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1354	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1355	1-126-965-11	ELECT	22uF	20%	50V
C1356	1-162-971-11	CERAMIC CHIP	0.001uF	10%	50V
C1357	1-162-905-11	CERAMIC CHIP	1PF	0.25PF	50V
C1358	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1359	1-126-916-11	ELECT	1000uF	20%	6.3V
C1360	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C1361	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1362	1-164-373-11	CERAMIC CHIP	0.033uF		25V

DIGITAL

Ref. No.	Part No.	Description			Remark
C1370	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1375	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1377	1-162-905-11	CERAMIC CHIP	1PF	0.25PF	50V
C1380	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C1381	1-126-965-11	ELECT	22uF	20%	50V
C1401	1-126-964-11	ELECT	10uF	20%	50V
C1402	1-126-964-11	ELECT	10uF	20%	50V
C1403	1-126-923-11	ELECT	220uF	20%	10V
C1404	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1405	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1406	1-126-923-11	ELECT	220uF	20%	10V
C1407	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1408	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1411	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V
C1412	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C1413	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C1416	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1417	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1418	1-126-964-11	ELECT	10uF	20%	50V
C1421	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V
C1422	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C1423	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C1428	1-126-964-11	ELECT	10uF	20%	50V
C1431	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V
C1432	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C1433	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C1438	1-126-964-11	ELECT	10uF	20%	50V
C1441	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V
C1442	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C1443	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C1448	1-126-964-11	ELECT	10uF	20%	50V
C1450	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1451	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V
C1452	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C1453	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C1454	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1455	1-126-964-11	ELECT	10uF	20%	50V
C1456	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1457	1-126-964-11	ELECT	10uF	20%	50V
C1458	1-126-964-11	ELECT	10uF	20%	50V
C1459	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1460	1-126-964-11	ELECT	10uF	20%	50V
C1461	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V
C1462	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C1463	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C1468	1-126-964-11	ELECT	10uF	20%	50V
C1471	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V
C1472	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C1473	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C1478	1-126-964-11	ELECT	10uF	20%	50V
C1481	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V
C1482	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C1483	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C1488	1-126-964-11	ELECT	10uF	20%	50V
C1491	1-126-964-11	ELECT	10uF	20%	50V
C1494	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1495	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1496	1-126-964-11	ELECT	10uF	20%	50V

Ref. No.	Part No.	Description			Remark
C1501	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1502	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1503	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1504	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1505	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1506	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1507	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1508	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1509	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1510	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1511	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1513	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1514	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1515	1-126-925-11	ELECT	470uF	20%	10V
C1516	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1517	1-126-925-11	ELECT	470uF	20%	10V
C1518	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1519	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1520	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1521	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C1522	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C1525	1-126-925-11	ELECT	470uF	20%	10V
C1905	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1906	1-126-925-11	ELECT	470uF	20%	10V
C1908	1-126-925-11	ELECT	470uF	20%	10V
C1913	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1914	1-126-947-11	ELECT	47uF	20%	35V

< CONNECTOR >

CNP506	1-784-925-11	PIN, CONNECTOR 10P
CNP507	1-784-922-11	PIN, CONNECTOR 5P
CNP510	1-784-923-11	PIN, CONNECTOR 7P
CNS501	1-766-720-41	CONNECTOR, BOARD TO BOARD 17P
CNS502	1-764-865-41	CONNECTOR, BOARD TO BOARD 13P
CNS503	1-568-439-11	SOCKET, CONNECTOR 7P
CNS505	1-784-792-11	CONNECTOR, FFC 31P
CNS508	1-569-060-11	SOCKET, CONNECTOR 11P
CNS509	1-568-443-11	SOCKET, CONNECTOR 13P

< DIODE >

D1001	8-719-053-18	DIODE 1SR154-400TE-25
D1003	8-719-049-09	DIODE 1SS367-T3SONY
D1004	8-719-049-09	DIODE 1SS367-T3SONY
D1102	8-719-988-61	DIODE 1SS355TE-17
D1103	8-719-988-61	DIODE 1SS355TE-17
D1105	8-719-988-61	DIODE 1SS355TE-17
D1106	8-719-988-61	DIODE 1SS355TE-17
D1107	8-719-988-61	DIODE 1SS355TE-17
D1108	8-719-988-61	DIODE 1SS355TE-17
D1110	8-719-988-61	DIODE 1SS355TE-17
D1111	8-719-988-61	DIODE 1SS355TE-17
D1301	8-719-016-74	DIODE 1SS352

< JUMPER RESISTOR >

D1302	1-216-864-11	SHORT CHIP	0

Ref. No.	Part No.	Description	Remark
		< FERRITE BEAD >	
FB1101	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1102	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1103	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1302	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1303	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1304	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1305	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1306	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1309	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1405	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1406	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1451	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1452	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1453	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1501	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1502	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1503	1-414-235-22	INDUCTOR, FERRITE BEAD	
		< IC >	
IC1001	8-759-231-53	IC TA7805S	
IC1011	6-705-464-01	IC BA50BC0T	
IC1021	6-705-463-01	IC BA33BC0T	
IC1031	6-705-464-01	IC BA50BC0T	
IC1101	6-804-064-01	IC MB91154PFV-G-119-BNDE1	
IC1111	6-704-566-01	IC R3112N291A-TR-FA	
IC1131	6-705-864-01	IC CAT24WC16WI-TE13	
IC1141	8-759-491-47	IC TC74VHCT08AFT(EL)	
IC1142	8-759-491-47	IC TC74VHCT08AFT(EL)	
IC1301	8-759-825-15	IC LC89056W-E	
IC1302	8-759-595-15	IC TC74ACT153F(EL)	
IC1303	8-759-242-70	IC TC7WU04F	
IC1351	6-600-014-01	IC TORX141L (DIGITAL (ASSIGNABLE) TV/SAT IN (OPTICAL))	
IC1352	6-600-014-01	IC TORX141L (DIGITAL (ASSIGNABLE) MD/TAPE IN (OPTICAL))	
IC1353	6-600-012-11	IC TOTX141L(RED) (DIGITAL (ASSIGNABLE) MD/TAPE OUT (OPTICAL))	
IC1354	6-600-014-01	IC TORX141L (DIGITAL (ASSIGNABLE) SA-CD/CD IN (OPTICAL))	
IC1373	8-759-242-70	IC TC7WU04F	
IC1401	6-702-527-01	IC AK5380VT-E2	
IC1402	8-759-710-97	IC NJM4565M-D	
IC1403	8-759-710-97	IC NJM4565M-D	
IC1404	8-759-710-97	IC NJM4565M-D	
IC1405	8-759-710-97	IC NJM4565M-D	
IC1406	8-759-710-97	IC NJM4565M-D	
IC1451	6-703-704-01	IC AK4381VT-E2	
IC1452	6-703-564-01	IC AK4355VF-E2	
IC1501	6-705-900-01	IC CXD9718BQ	
IC1502	6-704-037-01	IC IC61LV6416-15TG	
IC1503	8-759-546-74	IC TC7WH157FU(TE12R)	
IC1901	6-701-887-02	IC SI-3004KWF	
IC1902	8-759-231-57	IC TA7810S	
		< JACK >	
J1301	1-818-314-11	JACK, PIN 2P (DIGITAL (ASSIGNABLE) DVD IN (COAXIAL),SA-CD/CD IN (COAXIAL))	

Ref. No.	Part No.	Description			Remark
		< JUMPER RESISTOR >			
JR1101	1-216-864-11	SHORT CHIP	0		
JR1104	1-216-864-11	SHORT CHIP	0		
JR1210	1-211-950-11	SHORT CHIP	0		
JR1211	1-211-950-11	SHORT CHIP	0		
JR1212	1-211-950-11	SHORT CHIP	0		
JR1215	1-211-950-11	SHORT CHIP	0		
		< TRANSISTOR >			
Q1102	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q1103	8-729-027-43	TRANSISTOR	DTC114EKA-T146		
Q1104	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q1105	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q1106	8-729-230-49	TRANSISTOR	2SC2712-YG		
		< RESISTOR >			
R1035	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1037	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1038	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1039	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1041	1-216-809-11	METAL CHIP	100	5%	1/10W
R1042	1-216-809-11	METAL CHIP	100	5%	1/10W
R1044	1-216-809-11	METAL CHIP	100	5%	1/10W
R1049	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1054	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1057	1-216-809-11	METAL CHIP	100	5%	1/10W
R1058	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1060	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1061	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1063	1-216-809-11	METAL CHIP	100	5%	1/10W
R1064	1-216-809-11	METAL CHIP	100	5%	1/10W
R1065	1-216-809-11	METAL CHIP	100	5%	1/10W
R1066	1-216-809-11	METAL CHIP	100	5%	1/10W
R1067	1-216-809-11	METAL CHIP	100	5%	1/10W
R1068	1-216-809-11	METAL CHIP	100	5%	1/10W
R1075	1-414-235-22	INDUCTOR, FERRITE BEAD			
R1076	1-414-235-22	INDUCTOR, FERRITE BEAD			
R1077	1-414-235-22	INDUCTOR, FERRITE BEAD			
R1078	1-414-235-22	INDUCTOR, FERRITE BEAD			
R1083	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1084	1-216-809-11	METAL CHIP	100	5%	1/10W
R1085	1-216-809-11	METAL CHIP	100	5%	1/10W
R1086	1-216-809-11	METAL CHIP	100	5%	1/10W
R1087	1-216-809-11	METAL CHIP	100	5%	1/10W
R1088	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1089	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1091	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1092	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1093	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1096	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1097	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1098	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1099	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1101	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1102	1-216-809-11	METAL CHIP	100	5%	1/10W
R1103	1-216-809-11	METAL CHIP	100	5%	1/10W
R1104	1-216-809-11	METAL CHIP	100	5%	1/10W

DIGITAL

Ref. No.	Part No.	Description			Remark
R1105	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1106	1-216-809-11	METAL CHIP	100	5%	1/10W
R1107	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1108	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1109	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1110	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1111	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1112	1-216-809-11	METAL CHIP	100	5%	1/10W
R1113	1-216-809-11	METAL CHIP	100	5%	1/10W
R1114	1-216-809-11	METAL CHIP	100	5%	1/10W
R1115	1-216-809-11	METAL CHIP	100	5%	1/10W
R1116	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1117	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1118	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1119	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1120	1-216-809-11	METAL CHIP	100	5%	1/10W
R1121	1-216-809-11	METAL CHIP	100	5%	1/10W
R1123	1-216-809-11	METAL CHIP	100	5%	1/10W
R1124	1-216-809-11	METAL CHIP	100	5%	1/10W
R1125	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1126	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1127	1-216-809-11	METAL CHIP	100	5%	1/10W
R1128	1-216-809-11	METAL CHIP	100	5%	1/10W
R1129	1-216-809-11	METAL CHIP	100	5%	1/10W
R1131	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1132	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1133	1-216-809-11	METAL CHIP	100	5%	1/10W
R1134	1-216-809-11	METAL CHIP	100	5%	1/10W
R1135	1-216-809-11	METAL CHIP	100	5%	1/10W
R1136	1-216-809-11	METAL CHIP	100	5%	1/10W
R1137	1-216-809-11	METAL CHIP	100	5%	1/10W
R1138	1-216-809-11	METAL CHIP	100	5%	1/10W
R1139	1-216-809-11	METAL CHIP	100	5%	1/10W
R1140	1-216-809-11	METAL CHIP	100	5%	1/10W
R1141	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1142	1-216-809-11	METAL CHIP	100	5%	1/10W
R1143	1-216-809-11	METAL CHIP	100	5%	1/10W
R1144	1-216-809-11	METAL CHIP	100	5%	1/10W
R1145	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1146	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R1147	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1148	1-216-797-11	METAL CHIP	10	5%	1/10W
R1149	1-216-809-11	METAL CHIP	100	5%	1/10W
R1150	1-216-809-11	METAL CHIP	100	5%	1/10W
R1151	1-216-809-11	METAL CHIP	100	5%	1/10W
R1152	1-216-809-11	METAL CHIP	100	5%	1/10W
R1153	1-216-809-11	METAL CHIP	100	5%	1/10W
R1154	1-216-809-11	METAL CHIP	100	5%	1/10W
R1155	1-216-809-11	METAL CHIP	100	5%	1/10W
R1156	1-216-809-11	METAL CHIP	100	5%	1/10W
R1157	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1158	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1159	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1160	1-216-809-11	METAL CHIP	100	5%	1/10W
R1161	1-216-809-11	METAL CHIP	100	5%	1/10W
R1162	1-216-809-11	METAL CHIP	100	5%	1/10W
R1163	1-216-809-11	METAL CHIP	100	5%	1/10W
R1164	1-216-809-11	METAL CHIP	100	5%	1/10W
R1165	1-216-809-11	METAL CHIP	100	5%	1/10W
R1166	1-216-809-11	METAL CHIP	100	5%	1/10W
R1167	1-216-809-11	METAL CHIP	100	5%	1/10W
R1168	1-216-809-11	METAL CHIP	100	5%	1/10W
R1169	1-216-809-11	METAL CHIP	100	5%	1/10W
R1170	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1172	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1173	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1174	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1176	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1177	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1178	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1179	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1180	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1181	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1182	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1183	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1184	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1185	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1186	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1187	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1189	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1190	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1191	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1192	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1193	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1194	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1195	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1196	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1199	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1200	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1201	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1251	1-216-840-11	METAL CHIP	39K	5%	1/10W
R1252	1-216-840-11	METAL CHIP	39K	5%	1/10W
R1260	1-216-864-11	SHORT CHIP	0		
R1261	1-216-864-11	SHORT CHIP	0		
R1301	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R1302	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1303	1-216-839-11	METAL CHIP	33K	5%	1/10W
R1304	1-216-809-11	METAL CHIP	100	5%	1/10W
R1305	1-216-817-11	METAL CHIP	470	5%	1/10W
R1306	1-216-801-11	METAL CHIP	22	5%	1/10W
R1307	1-216-809-11	METAL CHIP	100	5%	1/10W
R1308	1-216-809-11	METAL CHIP	100	5%	1/10W
R1309	1-216-809-11	METAL CHIP	100	5%	1/10W
R1310	1-216-857-11	METAL CHIP	1M	5%	1/10W
R1311	1-216-809-11	METAL CHIP	100	5%	1/10W
R1312	1-216-809-11	METAL CHIP	100	5%	1/10W
R1313	1-216-809-11	METAL CHIP	100	5%	1/10W
R1314	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1315	1-216-809-11	METAL CHIP	100	5%	1/10W
R1316	1-216-809-11	METAL CHIP	100	5%	1/10W
R1318	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1351	1-216-809-11	METAL CHIP	100	5%	1/10W
R1352	1-216-809-11	METAL CHIP	100	5%	1/10W
R1353	1-216-809-11	METAL CHIP	100	5%	1/10W
R1354	1-216-809-11	METAL CHIP	100	5%	1/10W
R1355	1-218-285-11	METAL CHIP	75	5%	1/10W

Ref. No.	Part No.	Description			Remark
R1356	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1357	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1358	1-216-854-11	METAL CHIP	560K	5%	1/10W
R1359	1-216-809-11	METAL CHIP	100	5%	1/10W
R1360	1-216-809-11	METAL CHIP	100	5%	1/10W
R1362	1-216-809-11	METAL CHIP	100	5%	1/10W
R1366	1-218-285-11	METAL CHIP	75	5%	1/10W
R1376	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1377	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1378	1-216-854-11	METAL CHIP	560K	5%	1/10W
R1379	1-216-809-11	METAL CHIP	100	5%	1/10W
R1402	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1403	1-216-809-11	METAL CHIP	100	5%	1/10W
R1404	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1405	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1406	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1407	1-216-809-11	METAL CHIP	100	5%	1/10W
R1408	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1409	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1410	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R1411	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R1412	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1413	1-216-812-11	METAL CHIP	180	5%	1/10W
R1414	1-216-812-11	METAL CHIP	180	5%	1/10W
R1415	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1416	1-216-809-11	METAL CHIP	100	5%	1/10W
R1420	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1421	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1422	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1423	1-216-812-11	METAL CHIP	180	5%	1/10W
R1424	1-216-812-11	METAL CHIP	180	5%	1/10W
R1425	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1426	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1430	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1431	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1432	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1433	1-216-812-11	METAL CHIP	180	5%	1/10W
R1434	1-216-812-11	METAL CHIP	180	5%	1/10W
R1435	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1436	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1440	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1441	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1442	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1443	1-216-812-11	METAL CHIP	180	5%	1/10W
R1444	1-216-812-11	METAL CHIP	180	5%	1/10W
R1445	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1446	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1450	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R1451	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R1452	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1453	1-216-812-11	METAL CHIP	180	5%	1/10W
R1454	1-216-812-11	METAL CHIP	180	5%	1/10W
R1455	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1456	1-216-809-11	METAL CHIP	100	5%	1/10W
R1460	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1461	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1462	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1463	1-216-812-11	METAL CHIP	180	5%	1/10W
R1464	1-216-812-11	METAL CHIP	180	5%	1/10W
R1465	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1466	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1470	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1471	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1472	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1473	1-216-812-11	METAL CHIP	180	5%	1/10W
R1474	1-216-812-11	METAL CHIP	180	5%	1/10W
R1475	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1476	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1480	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1481	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1482	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1483	1-216-812-11	METAL CHIP	180	5%	1/10W
R1484	1-216-812-11	METAL CHIP	180	5%	1/10W
R1485	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1486	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1492	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1493	1-216-809-11	METAL CHIP	100	5%	1/10W
R1494	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1501	1-216-809-11	METAL CHIP	100	5%	1/10W
R1502	1-216-809-11	METAL CHIP	100	5%	1/10W
R1503	1-216-813-11	METAL CHIP	220	5%	1/10W
R1504	1-216-809-11	METAL CHIP	100	5%	1/10W
R1505	1-216-809-11	METAL CHIP	100	5%	1/10W
R1506	1-216-809-11	METAL CHIP	100	5%	1/10W
R1507	1-216-809-11	METAL CHIP	100	5%	1/10W
R1508	1-216-809-11	METAL CHIP	100	5%	1/10W
R1509	1-216-809-11	METAL CHIP	100	5%	1/10W
R1510	1-216-809-11	METAL CHIP	100	5%	1/10W
R1511	1-216-809-11	METAL CHIP	100	5%	1/10W
R1512	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1513	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1514	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1515	1-216-857-11	METAL CHIP	1M	5%	1/10W
R1516	1-216-809-11	METAL CHIP	100	5%	1/10W
R1517	1-216-813-11	METAL CHIP	220	5%	1/10W
R1518	1-216-813-11	METAL CHIP	220	5%	1/10W
R1519	1-216-813-11	METAL CHIP	220	5%	1/10W
R1520	1-216-813-11	METAL CHIP	220	5%	1/10W
R1521	1-216-813-11	METAL CHIP	220	5%	1/10W
R1522	1-216-813-11	METAL CHIP	220	5%	1/10W
R1523	1-216-813-11	METAL CHIP	220	5%	1/10W
R1525	1-216-813-11	METAL CHIP	220	5%	1/10W
R1526	1-216-813-11	METAL CHIP	220	5%	1/10W
R1527	1-216-813-11	METAL CHIP	220	5%	1/10W
R1528	1-216-813-11	METAL CHIP	220	5%	1/10W
R1529	1-216-809-11	METAL CHIP	100	5%	1/10W
R1532	1-216-813-11	METAL CHIP	220	5%	1/10W
R1533	1-216-813-11	METAL CHIP	220	5%	1/10W
R1534	1-216-813-11	METAL CHIP	220	5%	1/10W
R1535	1-216-813-11	METAL CHIP	220	5%	1/10W
R1536	1-216-813-11	METAL CHIP	220	5%	1/10W
R1537	1-216-813-11	METAL CHIP	220	5%	1/10W
R1538	1-216-813-11	METAL CHIP	220	5%	1/10W
R1539	1-216-813-11	METAL CHIP	220	5%	1/10W
R1540	1-216-813-11	METAL CHIP	220	5%	1/10W
R1541	1-216-813-11	METAL CHIP	220	5%	1/10W

DIGITAL DISPLAY

Ref. No.	Part No.	Description			Remark
R1542	1-216-813-11	METAL CHIP	220	5%	1/10W
R1543	1-216-813-11	METAL CHIP	220	5%	1/10W
R1544	1-216-813-11	METAL CHIP	220	5%	1/10W
R1545	1-216-813-11	METAL CHIP	220	5%	1/10W
R1546	1-216-813-11	METAL CHIP	220	5%	1/10W
R1547	1-216-813-11	METAL CHIP	220	5%	1/10W
R1548	1-216-813-11	METAL CHIP	220	5%	1/10W
R1549	1-216-813-11	METAL CHIP	220	5%	1/10W
R1550	1-216-813-11	METAL CHIP	220	5%	1/10W
R1551	1-216-813-11	METAL CHIP	220	5%	1/10W
R1552	1-216-813-11	METAL CHIP	220	5%	1/10W
R1553	1-216-813-11	METAL CHIP	220	5%	1/10W
R1554	1-216-813-11	METAL CHIP	220	5%	1/10W
R1555	1-216-813-11	METAL CHIP	220	5%	1/10W
R1556	1-216-809-11	METAL CHIP	100	5%	1/10W
R1570	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1571	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1572	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1573	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1574	1-216-833-11	METAL CHIP	10K	5%	1/10W
		< VIBRATOR >			
X1101	1-795-179-21	VIBRATOR, CERAMIC (16.5MHz)			
X1301	1-795-126-21	VIBRATOR, CRYSTAL (12.288MHz)			
X1502	1-813-284-21	QUARTZ, CRYSTAL (13.9MHz)			
**********					
	A-4753-074-A	DISPLAY BOARD, COMPLETE			
		**********			
	4-244-786-01	HOLDER, FL (DE9)			
*	4-955-901-01	CUSHION (FL)			
		< CAPACITOR >			
C161	1-164-159-11	CERAMIC	0.1uF		50V
C181	1-128-825-11	CERAMIC	0.0022uF	5%	50V
C182	1-128-825-11	CERAMIC	0.0022uF	5%	50V
C184	1-128-809-11	CERAMIC	100PF	5%	50V
C185	1-128-809-11	CERAMIC	100PF	5%	50V
C192	1-126-964-11	ELECT	10uF	20%	50V
C193	1-164-159-11	CERAMIC	0.1uF		50V
C194	1-164-159-11	CERAMIC	0.1uF		50V
C195	1-126-964-11	ELECT	10uF	20%	50V
		< CONNECTOR >			
CN102	1-568-672-11	CONNECTOR, BOARD TO BOARD 12P			
CNS101	1-784-792-11	CONNECTOR, FFC 31P			
		< DIODE >			
D101	6-500-647-01	LED SEL5E20C-STP15 (MULTI CHANNEL DECODING)			
D103	8-719-061-96	LED SLR-325DCT31 (2CH)			
D104	8-719-061-96	LED SLR-325DCT31 (A.F.D.)			
D105	8-719-061-96	LED SLR-325DCT31 (MOVIE)			
D106	8-719-061-96	LED SLR-325DCT31 (MUSIC)			
D108	8-719-061-96	LED SLR-325DCT31 (PHONO)			
D109	8-719-061-96	LED SLR-325DCT31 (TUNER FM/AM)			
D110	8-719-061-96	LED SLR-325DCT31 (SA-CD/CD)			
D111	8-719-061-96	LED SLR-325DCT31 (MD/TAPE)			
D112	8-719-061-96	LED SLR-325DCT31 (TV/SAT)			

Ref. No.	Part No.	Description			Remark
D113	8-719-061-96	LED SLR-325DCT31 (DVD)			
D114	8-719-061-96	LED SLR-325DCT31 (VIDEO 3)			
D115	8-719-061-96	LED SLR-325DCT31 (VIDEO 2)			
D116	8-719-061-96	LED SLR-325DCT31 (VIDEO 1)			
		< VACUUM FLUORESCENT DISPLAY >			
FL101	1-518-969-11	VACUUM FLUORESCENT DISPLAY			
		< IC >			
IC100	6-804-183-01	IC 86CK74AFG-5DC1			
		< TRANSISTOR >			
Q101	8-729-029-86	TRANSISTOR DTC124ESA			
Q103	8-729-029-86	TRANSISTOR DTC124ESA			
Q104	8-729-029-86	TRANSISTOR DTC124ESA			
Q105	8-729-029-86	TRANSISTOR DTC124ESA			
Q106	8-729-029-86	TRANSISTOR DTC124ESA			
Q108	8-729-029-86	TRANSISTOR DTC124ESA			
Q109	8-729-029-86	TRANSISTOR DTC124ESA			
Q110	8-729-029-86	TRANSISTOR DTC124ESA			
Q111	8-729-029-86	TRANSISTOR DTC124ESA			
Q112	8-729-029-86	TRANSISTOR DTC124ESA			
Q113	8-729-029-86	TRANSISTOR DTC124ESA			
Q114	8-729-029-86	TRANSISTOR DTC124ESA			
Q115	8-729-029-86	TRANSISTOR DTC124ESA			
Q116	8-729-029-86	TRANSISTOR DTC124ESA			
		< RESISTOR >			
R101	1-247-831-11	CARBON	1K	5%	1/4W
R102	1-249-421-11	CARBON	2.2K	5%	1/4W
R103	1-247-847-11	CARBON	4.7K	5%	1/4W
R107	1-249-421-11	CARBON	2.2K	5%	1/4W
R111	1-247-831-11	CARBON	1K	5%	1/4W
R112	1-249-421-11	CARBON	2.2K	5%	1/4W
R113	1-249-421-11	CARBON	2.2K	5%	1/4W
R143	1-249-409-11	CARBON	220	5%	1/4W
R144	1-249-409-11	CARBON	220	5%	1/4W
R145	1-249-409-11	CARBON	220	5%	1/4W
R146	1-249-409-11	CARBON	220	5%	1/4W
R148	1-249-409-11	CARBON	220	5%	1/4W
R149	1-249-409-11	CARBON	220	5%	1/4W
R150	1-249-409-11	CARBON	220	5%	1/4W
R151	1-249-409-11	CARBON	220	5%	1/4W
R152	1-249-409-11	CARBON	220	5%	1/4W
R153	1-249-409-11	CARBON	220	5%	1/4W
R154	1-249-409-11	CARBON	220	5%	1/4W
R155	1-249-409-11	CARBON	220	5%	1/4W
R156	1-249-409-11	CARBON	220	5%	1/4W
R157	1-247-903-00	CARBON	1M	5%	1/4W
R161	1-247-804-11	CARBON	75	5%	1/4W
R162	1-249-429-11	CARBON	10K	5%	1/4W
R170	1-247-879-11	CARBON	100K	5%	1/4W
R171	1-247-879-11	CARBON	100K	5%	1/4W
R172	1-247-879-11	CARBON	100K	5%	1/4W
R173	1-247-879-11	CARBON	100K	5%	1/4W
R174	1-247-879-11	CARBON	100K	5%	1/4W
R181	1-247-807-31	CARBON	100	5%	1/4W
R182	1-247-807-31	CARBON	100	5%	1/4W

Ref. No.	Part No.	Description			Remark
R183	1-247-871-11	CARBON	47K	5%	1/4W
R184	1-247-807-31	CARBON	100	5%	1/4W
R185	1-247-807-31	CARBON	100	5%	1/4W
R198	1-249-377-11	CARBON	0.47	5%	1/4W F
R199	1-249-377-11	CARBON	0.47	5%	1/4W F
		< ROTARY ENCODER >			
RV104	1-418-817-11	ENCODER, ROTARY (INPUT SELECTOR)			
		< SWITCH >			
S100	1-771-410-21	SWITCH, TACTILE (INPUT MODE)			
S101	1-771-410-21	SWITCH, TACTILE (2ND ZONE)			
S102	1-771-410-21	SWITCH, TACTILE (SURR BACK DECODING)			
S103	1-771-410-21	SWITCH, TACTILE (MUSIC)			
S107	1-771-410-21	SWITCH, TACTILE (ON SCREEN)			
S110	1-771-410-21	SWITCH, TACTILE (MOVIE)			
S111	1-771-410-21	SWITCH, TACTILE (A.F.D.)			
S112	1-771-410-21	SWITCH, TACTILE (MULTI CH IN/DIRECT)			
S113	1-771-410-21	SWITCH, TACTILE (2CH)			
		< VIBRATOR >			
X101	1-579-952-21	VIBRATOR, CERAMIC (8MHz)			
**********					
		FRONT AV BOARD			
		**********			
		< CAPACITOR >			
C2701	1-127-880-11	CERAMIC	0.022uF	10%	50V
C2702	1-127-880-11	CERAMIC	0.022uF	10%	50V
		< CONNECTOR >			
CN209	1-784-923-11	PIN, CONNECTOR 7P			
J2701	1-816-607-11	CONNECTOR (DIN) 1P (VIDEO 3 INPUT S-VIDEO)			
		< JACK >			
J2702	1-817-374-11	JACK, PIN 3P (VIDEO 3 INPUT VIDEO,AUDIO L/R)			
		< LEAD WIRE >			
* TP201	1-690-880-81	LEAD (WITH CONNECTOR)			
**********					
		HP BOARD			
		*********			
		< CAPACITOR >			
C2501	1-164-159-11	CERAMIC	0.1uF		50V
C2502	1-164-159-11	CERAMIC	0.1uF		50V
		< CONNECTOR >			
CNP701	1-691-766-11	PLUG (MICRO CONNECTOR) 4P			
		< JACK >			
J2501	1-815-313-21	JACK (PHONES)			
**********					

Ref. No.	Part No.	Description			Remark
	A-4753-068-A	MAIN BOARD, COMPLETE			
		**********			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
		< CAPACITOR >			
C200	1-126-923-11	ELECT	220uF	20%	10V
C201	1-126-964-11	ELECT	10uF	20%	50V
C220	1-128-560-11	ELECT	22uF	20%	100V
C221	1-128-560-11	ELECT	22uF	20%	100V
C230	1-128-560-11	ELECT	22uF	20%	100V
C231	1-128-560-11	ELECT	22uF	20%	100V
C233	1-128-581-11	ELECT	4.7uF	20%	100V
C250	1-126-967-11	ELECT	47uF	20%	50V
C251	1-126-967-11	ELECT	47uF	20%	50V
C252	1-126-967-11	ELECT	47uF	20%	50V
C255	1-126-923-11	ELECT	220uF	20%	10V
C260	1-164-159-11	CERAMIC	0.1uF		50V
C261	1-126-923-11	ELECT	220uF	20%	10V
C265	1-164-159-11	CERAMIC	0.1uF		50V
C266	1-126-923-11	ELECT	220uF	20%	10V
C290	1-107-935-11	ELECT	330uF	20%	100V
C302	1-128-813-11	CERAMIC	220PF	5%	50V
C303	1-126-961-11	ELECT	2.2uF	20%	50V
C304	1-126-923-11	ELECT	220uF	20%	10V
C305	1-128-809-11	CERAMIC	100PF	5%	50V
C306	1-125-896-11	MYLAR	0.0091uF	5%	50V
C307	1-136-159-00	FILM	0.033uF	5%	50V
C308	1-124-257-00	ELECT	2.2uF	20%	50V
C309	1-127-880-11	CERAMIC	0.022uF	10%	50V
C310	1-130-471-00	MYLAR	0.001uF	5%	50V
C313	1-126-963-11	ELECT	4.7uF	20%	50V
C330	1-126-965-11	ELECT	22uF	20%	50V
C331	1-128-809-11	CERAMIC	100PF	5%	50V
C332	1-126-965-11	ELECT	22uF	20%	50V
C352	1-128-813-11	CERAMIC	220PF	5%	50V
C353	1-126-961-11	ELECT	2.2uF	20%	50V
C354	1-126-923-11	ELECT	220uF	20%	10V
C355	1-128-809-11	CERAMIC	100PF	5%	50V
C356	1-125-896-11	MYLAR	0.0091uF	5%	50V
C357	1-136-159-00	FILM	0.033uF	5%	50V
C358	1-124-257-00	ELECT	2.2uF	20%	50V
C359	1-127-880-11	CERAMIC	0.022uF	10%	50V
C360	1-130-471-00	MYLAR	0.001uF	5%	50V
C363	1-126-963-11	ELECT	4.7uF	20%	50V
C380	1-126-965-11	ELECT	22uF	20%	50V
C381	1-128-809-11	CERAMIC	100PF	5%	50V
C382	1-126-965-11	ELECT	22uF	20%	50V
C390	1-126-963-11	ELECT	4.7uF	20%	50V
C391	1-126-963-11	ELECT	4.7uF	20%	50V
C392	1-128-803-11	CERAMIC	33PF	5%	50V
C393	1-127-880-11	CERAMIC	0.022uF	10%	50V
C394	1-126-963-11	ELECT	4.7uF	20%	50V
C395	1-126-963-11	ELECT	4.7uF	20%	50V
C401	1-126-961-11	ELECT	2.2uF	20%	50V
C403	1-126-964-11	ELECT	10uF	20%	50V
C407	1-128-813-11	CERAMIC	220PF	5%	50V
C408	1-128-813-11	CERAMIC	220PF	5%	50V

MAIN

Ref. No.	Part No.	Description			Remark
C409	1-128-813-11	CERAMIC	220PF	5%	50V
C411	1-126-963-11	ELECT	4.7uF	20%	50V
C412	1-128-809-11	CERAMIC	100PF	5%	50V
C413	1-128-809-11	CERAMIC	100PF	5%	50V
C414	1-102-233-00	CERAMIC	33PF	10%	500V
C415	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C416	1-126-923-11	ELECT	220uF	20%	10V
C418	1-164-159-11	CERAMIC	0.1uF		50V
C419	1-126-923-11	ELECT	220uF	20%	10V
C421	1-126-947-11	ELECT	47uF	20%	35V
C422	1-164-159-11	CERAMIC	0.1uF		50V
C423	1-102-233-00	CERAMIC	33PF	10%	500V
C424	1-102-233-00	CERAMIC	33PF	10%	500V
C425	1-128-813-11	CERAMIC	220PF	5%	50V
C426	1-127-876-11	CERAMIC	0.01uF	10%	50V
C427	1-126-964-11	ELECT	10uF	20%	50V
C428	1-164-159-11	CERAMIC	0.1uF		50V
C431	1-136-497-81	FILM	0.1uF	5%	50V
C432	1-136-161-00	FILM	0.047uF	5%	50V
C440	1-126-963-11	ELECT	4.7uF	20%	50V
C443	1-127-880-11	CERAMIC	0.022uF	10%	50V
C444	1-126-963-11	ELECT	4.7uF	20%	50V
C451	1-126-961-11	ELECT	2.2uF	20%	50V
C459	1-126-961-11	ELECT	2.2uF	20%	50V
C460	1-126-961-11	ELECT	2.2uF	20%	50V
C461	1-126-963-11	ELECT	4.7uF	20%	50V
C462	1-128-809-11	CERAMIC	100PF	5%	50V
C463	1-128-809-11	CERAMIC	100PF	5%	50V
C464	1-102-233-00	CERAMIC	33PF	10%	500V
C465	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C466	1-126-923-11	ELECT	220uF	20%	10V
C470	1-126-964-11	ELECT	10uF	20%	50V
C471	1-126-947-11	ELECT	47uF	20%	35V
C473	1-102-233-00	CERAMIC	33PF	10%	500V
C474	1-102-233-00	CERAMIC	33PF	10%	500V
C475	1-128-813-11	CERAMIC	220PF	5%	50V
C476	1-127-876-11	CERAMIC	0.01uF	10%	50V
C477	1-126-964-11	ELECT	10uF	20%	50V
C478	1-126-963-11	ELECT	4.7uF	20%	50V
C479	1-126-963-11	ELECT	4.7uF	20%	50V
C481	1-136-497-81	FILM	0.1uF	5%	50V
C482	1-136-161-00	FILM	0.047uF	5%	50V
C485	1-126-961-11	ELECT	2.2uF	20%	50V
C486	1-124-257-00	ELECT	2.2uF	20%	50V
C490	1-126-963-11	ELECT	4.7uF	20%	50V
C493	1-127-880-11	CERAMIC	0.022uF	10%	50V
C494	1-126-963-11	ELECT	4.7uF	20%	50V
C501	1-126-961-11	ELECT	2.2uF	20%	50V
C503	1-126-964-11	ELECT	10uF	20%	50V
C511	1-126-963-11	ELECT	4.7uF	20%	50V
C512	1-128-809-11	CERAMIC	100PF	5%	50V
C513	1-128-809-11	CERAMIC	100PF	5%	50V
C514	1-102-233-00	CERAMIC	33PF	10%	500V
C515	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C516	1-126-923-11	ELECT	220uF	20%	10V
C521	1-126-947-11	ELECT	47uF	20%	35V
C523	1-102-233-00	CERAMIC	33PF	10%	500V
C524	1-102-233-00	CERAMIC	33PF	10%	500V
C525	1-128-813-11	CERAMIC	220PF	5%	50V
C526	1-127-876-11	CERAMIC	0.01uF	10%	50V
C527	1-126-964-11	ELECT	10uF	20%	50V
C531	1-136-497-81	FILM	0.1uF	5%	50V
C532	1-136-161-00	FILM	0.047uF	5%	50V
C540	1-126-963-11	ELECT	4.7uF	20%	50V
C543	1-127-880-11	CERAMIC	0.022uF	10%	50V
C544	1-126-963-11	ELECT	4.7uF	20%	50V
C551	1-126-961-11	ELECT	2.2uF	20%	50V
C561	1-126-963-11	ELECT	4.7uF	20%	50V
C562	1-128-809-11	CERAMIC	100PF	5%	50V
C563	1-128-809-11	CERAMIC	100PF	5%	50V
C564	1-102-233-00	CERAMIC	33PF	10%	500V
C565	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C566	1-126-923-11	ELECT	220uF	20%	10V
C571	1-126-947-11	ELECT	47uF	20%	35V
C573	1-102-233-00	CERAMIC	33PF	10%	500V
C575	1-102-233-00	CERAMIC	33PF	10%	500V
C576	1-127-876-11	CERAMIC	0.01uF	10%	50V
C577	1-126-964-11	ELECT	10uF	20%	50V
C578	1-128-813-11	CERAMIC	220PF	5%	50V
C581	1-136-497-81	FILM	0.1uF	5%	50V
C582	1-136-161-00	FILM	0.047uF	5%	50V
C590	1-126-963-11	ELECT	4.7uF	20%	50V
C593	1-127-880-11	CERAMIC	0.022uF	10%	50V
C594	1-126-963-11	ELECT	4.7uF	20%	50V
C601	1-126-961-11	ELECT	2.2uF	20%	50V
C603	1-126-964-11	ELECT	10uF	20%	50V
C611	1-126-963-11	ELECT	4.7uF	20%	50V
C612	1-128-809-11	CERAMIC	100PF	5%	50V
C613	1-128-809-11	CERAMIC	100PF	5%	50V
C614	1-102-233-00	CERAMIC	33PF	10%	500V
C615	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C616	1-126-923-11	ELECT	220uF	20%	10V
C621	1-126-947-11	ELECT	47uF	20%	35V
C623	1-102-233-00	CERAMIC	33PF	10%	500V
C624	1-102-233-00	CERAMIC	33PF	10%	500V
C625	1-128-813-11	CERAMIC	220PF	5%	50V
C626	1-127-876-11	CERAMIC	0.01uF	10%	50V
C627	1-126-964-11	ELECT	10uF	20%	50V
C631	1-136-497-81	FILM	0.1uF	5%	50V
C632	1-136-161-00	FILM	0.047uF	5%	50V
C640	1-126-963-11	ELECT	4.7uF	20%	50V
C643	1-127-880-11	CERAMIC	0.022uF	10%	50V
C644	1-126-963-11	ELECT	4.7uF	20%	50V
C651	1-126-961-11	ELECT	2.2uF	20%	50V
C661	1-126-963-11	ELECT	4.7uF	20%	50V
C662	1-128-809-11	CERAMIC	100PF	5%	50V
C663	1-128-809-11	CERAMIC	100PF	5%	50V
C664	1-102-233-00	CERAMIC	33PF	10%	500V
C665	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C666	1-126-923-11	ELECT	220uF	20%	10V
C671	1-126-947-11	ELECT	47uF	20%	35V
C673	1-102-233-00	CERAMIC	33PF	10%	500V
C674	1-102-233-00	CERAMIC	33PF	10%	500V
C675	1-128-813-11	CERAMIC	220PF	5%	50V
C676	1-127-876-11	CERAMIC	0.01uF	10%	50V
C677	1-126-964-11	ELECT	10uF	20%	50V

Ref. No.	Part No.	Description			Remark
C681	1-136-497-81	FILM	0.1uF	5%	50V
C682	1-136-161-00	FILM	0.047uF	5%	50V
C690	1-126-963-11	ELECT	4.7uF	20%	50V
C693	1-127-880-11	CERAMIC	0.022uF	10%	50V
C694	1-126-963-11	ELECT	4.7uF	20%	50V
C701	1-126-961-11	ELECT	2.2uF	20%	50V
C703	1-126-964-11	ELECT	10uF	20%	50V
C711	1-126-963-11	ELECT	4.7uF	20%	50V
C712	1-128-809-11	CERAMIC	100PF	5%	50V
C713	1-128-809-11	CERAMIC	100PF	5%	50V
C714	1-102-233-00	CERAMIC	33PF	10%	500V
C715	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C716	1-126-923-11	ELECT	220uF	20%	10V
C721	1-126-947-11	ELECT	47uF	20%	35V
C723	1-102-233-00	CERAMIC	33PF	10%	500V
C724	1-102-233-00	CERAMIC	33PF	10%	500V
C725	1-128-813-11	CERAMIC	220PF	5%	50V
C726	1-127-876-11	CERAMIC	0.01uF	10%	50V
C727	1-126-964-11	ELECT	10uF	20%	50V
C731	1-136-497-81	FILM	0.1uF	5%	50V
C732	1-136-161-00	FILM	0.047uF	5%	50V
C751	1-126-961-11	ELECT	2.2uF	20%	50V
C793	1-127-880-11	CERAMIC	0.022uF	10%	50V
C800	1-135-851-21	MYLAR	0.22uF		100V
C802	1-135-851-21	MYLAR	0.22uF		100V
C803	1-125-897-11	ELECT	10000uF	20%	71V
C804	1-125-897-11	ELECT	10000uF	20%	71V
C840	1-126-963-11	ELECT	4.7uF	20%	50V
C844	1-126-963-11	ELECT	4.7uF	20%	50V
		< CONNECTOR >			
* CN908	1-564-242-00	PIN, CONNECTOR (3.96mm PITCH) 5P			
CNP802	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
CNP804	1-784-926-11	PIN, CONNECTOR 11P			
* CNP805	1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P			
* CNP811	1-766-718-21	CONNECTOR, BOARD TO BOARD 17P			
CNP812	1-784-930-11	PIN, CONNECTOR 15P			
CNP814	1-573-845-11	CONNECTOR, BOARD TO BOARD 13P			
		< DIODE >			
D201	8-719-991-33	DIODE 1SS133T-77			
D202	8-719-991-33	DIODE 1SS133T-77			
D203	8-719-991-33	DIODE 1SS133T-77			
D220	8-719-991-33	DIODE 1SS133T-77			
D221	8-719-947-70	DIODE MTZJ-T-72-18C			
D235	8-719-991-33	DIODE 1SS133T-77			
D240	8-719-991-33	DIODE 1SS133T-77			
D250	8-719-934-21	DIODE HZS30-1L			
D251	8-719-068-28	DIODE HZ6.8BP-TK			
D265	8-719-043-76	DIODE AK04V0			
D290	6-500-522-11	DIODE 10EDB40-TA2B5			
D291	6-500-522-11	DIODE 10EDB40-TA2B5			
D300	8-719-991-33	DIODE 1SS133T-77			
D351	8-719-991-33	DIODE 1SS133T-77			
D400	8-719-991-33	DIODE 1SS133T-77			
D425	8-719-991-33	DIODE 1SS133T-77			
D426	8-719-991-33	DIODE 1SS133T-77			
D475	8-719-991-33	DIODE 1SS133T-77			

Ref. No.	Part No.	Description	Remark
D476	8-719-991-33	DIODE 1SS133T-77	
D525	8-719-991-33	DIODE 1SS133T-77	
D526	8-719-991-33	DIODE 1SS133T-77	
D575	8-719-991-33	DIODE 1SS133T-77	
D576	8-719-991-33	DIODE 1SS133T-77	
D600	8-719-991-33	DIODE 1SS133T-77	
D625	8-719-991-33	DIODE 1SS133T-77	
D626	8-719-991-33	DIODE 1SS133T-77	
D675	8-719-991-33	DIODE 1SS133T-77	
D676	8-719-991-33	DIODE 1SS133T-77	
D700	8-719-991-33	DIODE 1SS133T-77	
D725	8-719-991-33	DIODE 1SS133T-77	
D726	8-719-991-33	DIODE 1SS133T-77	
D801	8-719-072-05	DIODE RBV-602LF-A	
D802	8-719-072-05	DIODE RBV-602LF-A	
D818	8-719-991-33	DIODE 1SS133T-77	
		< IC >	
IC210	8-759-167-88	IC NJM4565D	
IC260	8-759-071-48	IC TA7807S	
IC265	8-759-071-47	IC TA79007S	
IC300	8-759-167-88	IC NJM4565D	
IC301	8-759-636-74	IC M5218AP-22	
IC400	6-700-943-01	IC uPC2581V-S	
IC401	6-703-500-01	IC M61532FP	
IC402	6-702-087-01	IC TC9273N-011	
IC500	6-700-943-01	IC uPC2581V-S	
IC600	6-700-943-01	IC uPC2581V-S	
IC604	8-759-167-88	IC NJM4565D	
IC700	6-700-943-01	IC uPC2581V-S	
		< JACK >	
J301	1-794-981-11	JACK, PIN 4P (PHONO IN,SA-CD/CD IN)	
J302	1-794-981-11	JACK, PIN 4P (MD/TAPE OUT/IN)	
J303	1-793-775-12	JACK, PIN 6P (MULTI CH IN 2 FRONT,SURROUND,CENTER,SUB WOOFER)	
J304	1-774-411-11	JACK, PIN 6P (MULTI CH IN 1 FRONT,SURROUND,SURR BACK)	
J305	1-817-375-11	JACK, PIN 4P (MULTI CH IN 1 CENTER,SUB WOOFER,2ND ZONE OUT)	
		< COIL >	
L401	1-420-872-52	COIL, AIR-CORE	
L451	1-420-872-52	COIL, AIR-CORE	
L501	1-420-872-52	COIL, AIR-CORE	
L551	1-420-872-52	COIL, AIR-CORE	
L601	1-420-872-52	COIL, AIR-CORE	
L651	1-420-872-52	COIL, AIR-CORE	
L701	1-420-872-52	COIL, AIR-CORE	
		< TRANSISTOR >	
Q200	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q201	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q202	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
Q210	8-729-029-86	TRANSISTOR DTC124ESA	
Q220	8-729-021-82	TRANSISTOR 2SD2396K	
Q225	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
Q235	8-729-024-93	TRANSISTOR 2SB1565E	

MAIN

Ref. No.	Part No.	Description	Remark
Q240	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q250	8-729-140-97	TRANSISTOR 2SB734-34	
Q255	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q256	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q300	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q351	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q391	8-729-922-37	TRANSISTOR 2SD2144S-UVW	
Q400	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q410	8-729-029-40	TRANSISTOR DTA124ESA	
Q421	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q422	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q425	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q426	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q427	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q441	8-729-922-37	TRANSISTOR 2SD2144S-UVW	
Q471	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q472	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q475	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q476	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q477	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q491	8-729-922-37	TRANSISTOR 2SD2144S-UVW	
Q521	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q522	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q525	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q526	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q527	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q541	8-729-922-37	TRANSISTOR 2SD2144S-UVW	
Q571	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q572	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q575	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q576	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q577	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q591	8-729-922-37	TRANSISTOR 2SD2144S-UVW	
Q600	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q621	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q622	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q625	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q626	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q627	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q641	8-729-922-37	TRANSISTOR 2SD2144S-UVW	
Q652	8-729-922-37	TRANSISTOR 2SD2144S-UVW	
Q671	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q672	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q675	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q676	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q677	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q691	8-729-922-37	TRANSISTOR 2SD2144S-UVW	
Q700	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q721	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q722	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q725	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q726	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q727	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q791	8-729-922-37	TRANSISTOR 2SD2144S-UVW	
Q809	8-729-119-79	TRANSISTOR 2SC2785-FEK	
		< RESISTOR >	
R201	1-249-429-11	CARBON 10K 5%	1/4W
R203	1-259-468-61	CARBON 47K 5%	1/6W
R204	1-259-428-61	CARBON 1K 5%	1/6W
R205	1-249-427-11	CARBON 6.8K 5%	1/4W
R210	1-249-429-11	CARBON 10K 5%	1/4W
R211	1-249-429-11	CARBON 10K 5%	1/4W
R212	1-247-887-00	CARBON 220K 5%	1/4W
R213	1-259-468-61	CARBON 47K 5%	1/6W
R214	1-249-429-11	CARBON 10K 5%	1/4W
R215	1-247-863-11	CARBON 22K 5%	1/4W
R220	1-249-393-11	CARBON 10 5%	1/4W F
⚠R221	1-215-873-81	METAL OXIDE 4.7K 5%	1W F
R222	1-259-420-61	CARBON 470 5%	1/6W
R233	1-247-847-11	CARBON 4.7K 5%	1/4W
R234	1-249-393-11	CARBON 10 5%	1/4W F
R235	1-259-420-61	CARBON 470 5%	1/6W
R236	1-247-883-00	CARBON 150K 5%	1/4W
⚠R240	1-215-868-00	METAL OXIDE 680 5%	1W F
R245	1-247-847-11	CARBON 4.7K 5%	1/4W
R246	1-249-402-11	CARBON 56 5%	1/4W F
R250	1-249-389-11	CARBON 4.7 5%	1/4W F
R251	1-249-426-11	CARBON 5.6K 5%	1/4W
R252	1-247-863-11	CARBON 22K 5%	1/4W
⚠R280	1-215-868-00	METAL OXIDE 680 5%	1W F
⚠R290	1-240-877-11	FUSIBLE 0.15 5%	1/2W F
R301	1-259-428-61	CARBON 1K 5%	1/6W
R302	1-259-476-61	CARBON 100K 5%	1/6W
R303	1-259-474-61	CARBON 82K 5%	1/6W
R304	1-259-410-61	CARBON 180 5%	1/6W
R305	1-259-450-61	CARBON 8.2K 5%	1/6W
R306	1-259-476-61	CARBON 100K 5%	1/6W
R307	1-259-404-61	CARBON 100 5%	1/6W
R308	1-259-476-61	CARBON 100K 5%	1/6W
R309	1-259-420-61	CARBON 470 5%	1/6W
R311	1-259-428-61	CARBON 1K 5%	1/6W
R313	1-259-428-61	CARBON 1K 5%	1/6W
R314	1-259-428-61	CARBON 1K 5%	1/6W
R315	1-259-468-61	CARBON 47K 5%	1/6W
R319	1-259-428-61	CARBON 1K 5%	1/6W
R321	1-259-428-61	CARBON 1K 5%	1/6W
R323	1-259-428-61	CARBON 1K 5%	1/6W
R330	1-247-887-00	CARBON 220K 5%	1/4W
R331	1-259-468-61	CARBON 47K 5%	1/6W
R332	1-259-404-61	CARBON 100 5%	1/6W
R341	1-247-847-11	CARBON 4.7K 5%	1/4W
R342	1-249-401-11	CARBON 47 5%	1/4W F
R351	1-259-428-61	CARBON 1K 5%	1/6W
R352	1-259-476-61	CARBON 100K 5%	1/6W
R353	1-259-474-61	CARBON 82K 5%	1/6W
R354	1-259-410-61	CARBON 180 5%	1/6W
R355	1-259-450-61	CARBON 8.2K 5%	1/6W
R356	1-259-476-61	CARBON 100K 5%	1/6W
R357	1-259-404-61	CARBON 100 5%	1/6W
R358	1-259-476-61	CARBON 100K 5%	1/6W
R359	1-259-420-61	CARBON 470 5%	1/6W
R361	1-259-428-61	CARBON 1K 5%	1/6W
R363	1-259-428-61	CARBON 1K 5%	1/6W
R364	1-259-428-61	CARBON 1K 5%	1/6W
R365	1-259-468-61	CARBON 47K 5%	1/6W

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description			Remark
R369	1-259-428-61	CARBON	1K	5%	1/6W
R371	1-259-428-61	CARBON	1K	5%	1/6W
R373	1-259-428-61	CARBON	1K	5%	1/6W
R380	1-247-887-00	CARBON	220K	5%	1/4W
R381	1-259-468-61	CARBON	47K	5%	1/6W
R382	1-259-404-61	CARBON	100	5%	1/6W
R390	1-249-429-11	CARBON	10K	5%	1/4W
R391	1-259-468-61	CARBON	47K	5%	1/6W
R392	1-249-429-11	CARBON	10K	5%	1/4W
R393	1-249-429-11	CARBON	10K	5%	1/4W
R394	1-259-476-61	CARBON	100K	5%	1/6W
R395	1-259-428-61	CARBON	1K	5%	1/6W
R396	1-259-468-61	CARBON	47K	5%	1/6W
R397	1-247-847-11	CARBON	4.7K	5%	1/4W
R398	1-249-409-11	CARBON	220	5%	1/4W F
R400	1-247-863-11	CARBON	22K	5%	1/4W
R401	1-259-428-61	CARBON	1K	5%	1/6W
R405	1-247-847-11	CARBON	4.7K	5%	1/4W
R406	1-249-402-11	CARBON	56	5%	1/4W F
R407	1-259-420-61	CARBON	470	5%	1/6W
R408	1-259-420-61	CARBON	470	5%	1/6W
R409	1-259-420-61	CARBON	470	5%	1/6W
R410	1-249-429-11	CARBON	10K	5%	1/4W
R411	1-259-428-61	CARBON	1K	5%	1/6W
R412	1-259-472-61	CARBON	68K	5%	1/6W
R413	1-259-468-61	CARBON	47K	5%	1/6W
R414	1-259-468-61	CARBON	47K	5%	1/6W
R415	1-259-472-61	CARBON	68K	5%	1/6W
R416	1-259-436-61	CARBON	2.2K	5%	1/6W
R421	1-259-474-61	CARBON	82K	5%	1/6W
R422	1-259-436-61	CARBON	2.2K	5%	1/6W
R423	1-249-405-11	CARBON	100	5%	1/4W F
R424	1-249-414-11	CARBON	560	5%	1/4W
R425	1-249-405-11	CARBON	100	5%	1/4W F
R426	1-240-855-81	CARBON	6.2K	5%	1/4W F
R427	1-247-847-11	CARBON	4.7K	5%	1/4W
R428	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W			
R429	1-249-419-11	CARBON	1.5K	5%	1/4W
R430	1-259-476-61	CARBON	100K	5%	1/6W
R431	1-249-393-11	CARBON	10	5%	1/4W F
R432	1-249-435-11	CARBON	33K	5%	1/4W
R433	1-249-431-11	CARBON	15K	5%	1/4W
R434	1-249-431-11	CARBON	15K	5%	1/4W
R435	1-259-468-61	CARBON	47K	5%	1/6W
R436	1-247-863-11	CARBON	22K	5%	1/4W
R437	1-259-468-61	CARBON	47K	5%	1/6W
R439	1-249-389-11	CARBON	4.7	5%	1/4W F
R440	1-259-468-61	CARBON	47K	5%	1/6W
R441	1-259-468-61	CARBON	47K	5%	1/6W
R443	1-249-429-11	CARBON	10K	5%	1/4W
R444	1-259-476-61	CARBON	100K	5%	1/6W
R445	1-259-428-61	CARBON	1K	5%	1/6W
R446	1-247-847-11	CARBON	4.7K	5%	1/4W
R451	1-259-428-61	CARBON	1K	5%	1/6W
R461	1-259-428-61	CARBON	1K	5%	1/6W
R462	1-259-472-61	CARBON	68K	5%	1/6W
R465	1-259-472-61	CARBON	68K	5%	1/6W
R466	1-259-436-61	CARBON	2.2K	5%	1/6W

Ref. No.	Part No.	Description			Remark
R469	1-259-468-61	CARBON	47K	5%	1/6W
R470	1-259-468-61	CARBON	47K	5%	1/6W
R471	1-259-474-61	CARBON	82K	5%	1/6W
R472	1-259-436-61	CARBON	2.2K	5%	1/6W
R473	1-249-405-11	CARBON	100	5%	1/4W F
R474	1-249-414-11	CARBON	560	5%	1/4W
R475	1-249-405-11	CARBON	100	5%	1/4W F
R476	1-240-855-81	CARBON	6.2K	5%	1/4W F
R477	1-247-847-11	CARBON	4.7K	5%	1/4W
R478	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W			
R479	1-249-419-11	CARBON	1.5K	5%	1/4W
R480	1-259-476-61	CARBON	100K	5%	1/6W
R481	1-249-393-11	CARBON	10	5%	1/4W F
R482	1-249-435-11	CARBON	33K	5%	1/4W
R483	1-249-431-11	CARBON	15K	5%	1/4W
R484	1-249-431-11	CARBON	15K	5%	1/4W
R485	1-259-468-61	CARBON	47K	5%	1/6W
R486	1-247-863-11	CARBON	22K	5%	1/4W
R487	1-259-468-61	CARBON	47K	5%	1/6W
R489	1-249-389-11	CARBON	4.7	5%	1/4W F
R493	1-249-429-11	CARBON	10K	5%	1/4W
R494	1-259-476-61	CARBON	100K	5%	1/6W
R495	1-259-428-61	CARBON	1K	5%	1/6W
R496	1-247-847-11	CARBON	4.7K	5%	1/4W
R500	1-247-863-11	CARBON	22K	5%	1/4W
R501	1-259-428-61	CARBON	1K	5%	1/6W
R511	1-259-428-61	CARBON	1K	5%	1/6W
R512	1-259-472-61	CARBON	68K	5%	1/6W
R515	1-259-472-61	CARBON	68K	5%	1/6W
R516	1-259-436-61	CARBON	2.2K	5%	1/6W
R521	1-259-474-61	CARBON	82K	5%	1/6W
R522	1-259-436-61	CARBON	2.2K	5%	1/6W
R523	1-249-405-11	CARBON	100	5%	1/4W F
R524	1-249-414-11	CARBON	560	5%	1/4W
R525	1-249-405-11	CARBON	100	5%	1/4W F
R526	1-240-855-81	CARBON	6.2K	5%	1/4W F
R527	1-247-847-11	CARBON	4.7K	5%	1/4W
R528	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W			
R529	1-249-419-11	CARBON	1.5K	5%	1/4W
R530	1-259-476-61	CARBON	100K	5%	1/6W
R531	1-249-393-11	CARBON	10	5%	1/4W F
R532	1-249-435-11	CARBON	33K	5%	1/4W
R533	1-249-431-11	CARBON	15K	5%	1/4W
R534	1-249-431-11	CARBON	15K	5%	1/4W
R535	1-259-468-61	CARBON	47K	5%	1/6W
R536	1-247-863-11	CARBON	22K	5%	1/4W
R537	1-259-468-61	CARBON	47K	5%	1/6W
R539	1-249-389-11	CARBON	4.7	5%	1/4W F
R543	1-249-429-11	CARBON	10K	5%	1/4W
R544	1-259-476-61	CARBON	100K	5%	1/6W
R545	1-259-428-61	CARBON	1K	5%	1/6W
R546	1-247-847-11	CARBON	4.7K	5%	1/4W
R551	1-259-428-61	CARBON	1K	5%	1/6W
R561	1-259-428-61	CARBON	1K	5%	1/6W
R562	1-259-472-61	CARBON	68K	5%	1/6W
R565	1-259-472-61	CARBON	68K	5%	1/6W
R566	1-259-436-61	CARBON	2.2K	5%	1/6W
R571	1-259-474-61	CARBON	82K	5%	1/6W

MAIN

Ref. No.	Part No.	Description			Remark
R572	1-259-436-61	CARBON	2.2K	5%	1/6W
R573	1-249-405-11	CARBON	100	5%	1/4W F
R574	1-249-414-11	CARBON	560	5%	1/4W
R575	1-249-405-11	CARBON	100	5%	1/4W F
R576	1-240-855-81	CARBON	6.2K	5%	1/4W F
R577	1-247-847-11	CARBON	4.7K	5%	1/4W
R578	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W			
R579	1-249-419-11	CARBON	1.5K	5%	1/4W
R580	1-259-476-61	CARBON	100K	5%	1/6W
R581	1-249-393-11	CARBON	10	5%	1/4W F
R582	1-249-435-11	CARBON	33K	5%	1/4W
R583	1-249-431-11	CARBON	15K	5%	1/4W
R584	1-249-431-11	CARBON	15K	5%	1/4W
R585	1-259-468-61	CARBON	47K	5%	1/6W
R586	1-247-863-11	CARBON	22K	5%	1/4W
R587	1-259-468-61	CARBON	47K	5%	1/6W
R589	1-249-389-11	CARBON	4.7	5%	1/4W F
R593	1-249-429-11	CARBON	10K	5%	1/4W
R594	1-259-476-61	CARBON	100K	5%	1/6W
R595	1-259-428-61	CARBON	1K	5%	1/6W
R596	1-247-847-11	CARBON	4.7K	5%	1/4W
R600	1-247-863-11	CARBON	22K	5%	1/4W
R601	1-259-428-61	CARBON	1K	5%	1/6W
R605	1-247-847-11	CARBON	4.7K	5%	1/4W
R606	1-249-402-11	CARBON	56	5%	1/4W F
R611	1-259-428-61	CARBON	1K	5%	1/6W
R612	1-259-472-61	CARBON	68K	5%	1/6W
R615	1-259-472-61	CARBON	68K	5%	1/6W
R616	1-259-436-61	CARBON	2.2K	5%	1/6W
R621	1-259-474-61	CARBON	82K	5%	1/6W
R622	1-259-436-61	CARBON	2.2K	5%	1/6W
R623	1-249-405-11	CARBON	100	5%	1/4W F
R624	1-249-414-11	CARBON	560	5%	1/4W
R625	1-249-405-11	CARBON	100	5%	1/4W F
R626	1-240-855-81	CARBON	6.2K	5%	1/4W F
R627	1-247-847-11	CARBON	4.7K	5%	1/4W
R628	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W			
R629	1-249-419-11	CARBON	1.5K	5%	1/4W
R630	1-259-476-61	CARBON	100K	5%	1/6W
R631	1-249-393-11	CARBON	10	5%	1/4W F
R632	1-249-435-11	CARBON	33K	5%	1/4W
R633	1-249-431-11	CARBON	15K	5%	1/4W
R634	1-249-431-11	CARBON	15K	5%	1/4W
R635	1-259-468-61	CARBON	47K	5%	1/6W
R636	1-247-863-11	CARBON	22K	5%	1/4W
R637	1-259-468-61	CARBON	47K	5%	1/6W
R639	1-249-389-11	CARBON	4.7	5%	1/4W F
R643	1-249-429-11	CARBON	10K	5%	1/4W
R644	1-259-476-61	CARBON	100K	5%	1/6W
R645	1-259-428-61	CARBON	1K	5%	1/6W
R646	1-247-847-11	CARBON	4.7K	5%	1/4W
R651	1-259-428-61	CARBON	1K	5%	1/6W
R656	1-259-428-61	CARBON	1K	5%	1/6W
R658	1-259-436-61	CARBON	2.2K	5%	1/6W
R659	1-249-415-11	CARBON	680	5%	1/4W
R661	1-259-428-61	CARBON	1K	5%	1/6W
R662	1-259-472-61	CARBON	68K	5%	1/6W
R665	1-259-472-61	CARBON	68K	5%	1/6W
R666	1-259-436-61	CARBON	2.2K	5%	1/6W
R671	1-259-474-61	CARBON	82K	5%	1/6W
R672	1-259-436-61	CARBON	2.2K	5%	1/6W
R673	1-249-405-11	CARBON	100	5%	1/4W F
R674	1-249-414-11	CARBON	560	5%	1/4W
R675	1-249-405-11	CARBON	100	5%	1/4W F
R676	1-240-855-81	CARBON	6.2K	5%	1/4W F
R677	1-247-847-11	CARBON	4.7K	5%	1/4W
R678	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W			
R679	1-249-419-11	CARBON	1.5K	5%	1/4W
R680	1-259-476-61	CARBON	100K	5%	1/6W
R681	1-249-393-11	CARBON	10	5%	1/4W F
R682	1-249-435-11	CARBON	33K	5%	1/4W
R683	1-249-431-11	CARBON	15K	5%	1/4W
R684	1-249-431-11	CARBON	15K	5%	1/4W
R685	1-259-468-61	CARBON	47K	5%	1/6W
R686	1-247-863-11	CARBON	22K	5%	1/4W
R687	1-259-468-61	CARBON	47K	5%	1/6W
R689	1-249-389-11	CARBON	4.7	5%	1/4W F
R693	1-249-429-11	CARBON	10K	5%	1/4W
R694	1-259-476-61	CARBON	100K	5%	1/6W
R695	1-259-428-61	CARBON	1K	5%	1/6W
R696	1-247-847-11	CARBON	4.7K	5%	1/4W
R700	1-247-863-11	CARBON	22K	5%	1/4W
R701	1-259-428-61	CARBON	1K	5%	1/6W
R705	1-247-847-11	CARBON	4.7K	5%	1/4W
R706	1-249-402-11	CARBON	56	5%	1/4W F
R711	1-259-428-61	CARBON	1K	5%	1/6W
R712	1-259-472-61	CARBON	68K	5%	1/6W
R715	1-259-472-61	CARBON	68K	5%	1/6W
R716	1-259-436-61	CARBON	2.2K	5%	1/6W
R721	1-259-474-61	CARBON	82K	5%	1/6W
R722	1-259-436-61	CARBON	2.2K	5%	1/6W
R723	1-249-405-11	CARBON	100	5%	1/4W F
R724	1-249-414-11	CARBON	560	5%	1/4W
R725	1-249-405-11	CARBON	100	5%	1/4W F
R726	1-240-855-81	CARBON	6.2K	5%	1/4W F
R727	1-247-847-11	CARBON	4.7K	5%	1/4W
R728	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W			
R729	1-249-419-11	CARBON	1.5K	5%	1/4W
R730	1-259-476-61	CARBON	100K	5%	1/6W
R731	1-249-393-11	CARBON	10	5%	1/4W F
R732	1-249-435-11	CARBON	33K	5%	1/4W
R733	1-249-431-11	CARBON	15K	5%	1/4W
R734	1-249-431-11	CARBON	15K	5%	1/4W
R735	1-259-468-61	CARBON	47K	5%	1/6W
R736	1-247-863-11	CARBON	22K	5%	1/4W
R737	1-259-468-61	CARBON	47K	5%	1/6W
R739	1-249-389-11	CARBON	4.7	5%	1/4W F
R746	1-247-847-11	CARBON	4.7K	5%	1/4W
R751	1-259-428-61	CARBON	1K	5%	1/6W
R772	1-259-476-61	CARBON	100K	5%	1/6W
R793	1-249-429-11	CARBON	10K	5%	1/4W
R794	1-259-476-61	CARBON	100K	5%	1/6W
R795	1-259-428-61	CARBON	1K	5%	1/6W
R824	1-247-847-11	CARBON	4.7K	5%	1/4W
R830	1-249-399-11	CARBON	33	5%	1/4W F

Ref. No.	Part No.	Description			Remark
		< RELAY >			
RY240	1-755-170-11	RELAY (12V)			
RY300	1-755-486-11	RELAY			
RY351	1-755-267-11	RELAY			
RY400	1-755-170-11	RELAY (12V)			
RY600	1-755-170-11	RELAY (12V)			
RY700	1-755-170-11	RELAY (12V)			
RY802	1-755-520-11	RELAY			
RY803	1-755-520-11	RELAY			
		< TERMINAL BOARD >			
TM601	1-694-992-11	TERMINAL BOARD (2P) (SPEAKERS CENTER)			
TM602	1-694-935-12	TERMINAL BOARD (8P) (SPEAKERS SURROUND,SURROUND BACK)			
**********					
		OPT3 BOARD			
		**********			
		< CAPACITOR >			
C2003	1-164-159-11	CERAMIC	0.1uF		50V
		< CONNECTOR >			
CN291	1-779-978-11	PIN, CONNECTOR 3P			
		< IC >			
IC2010	6-600-057-01	IC TORX141PL (VIDEO 3 INPUT DIGITAL(OPT))			
		< COIL >			
L2002	1-410-517-11	INDUCTOR	47uH		
		< RESISTOR >			
R2002	1-247-807-31	CARBON	100	5%	1/4W
**********					
		POWER BOARD			
		**********			
		< CAPACITOR >			
C188	1-126-947-11	ELECT	47uF	20%	35V
		< CONNECTOR >			
CN105	1-573-787-11	SOCKET, CONNECTOR 6P			
		< IC >			
IC103	6-600-349-31	IC NJL24H400A (IR)			
		< RESISTOR >			
R114	1-247-847-11	CARBON	4.7K	5%	1/4W
R115	1-249-429-11	CARBON	10K	5%	1/4W
R116	1-247-863-11	CARBON	22K	5%	1/4W
R186	1-249-393-11	CARBON	10	5%	1/4W F
R187	1-247-807-31	CARBON	100	5%	1/4W

Ref. No.	Part No.	Description			Remark
		< SWITCH >			
S114	1-771-410-21	SWITCH, TACTILE (DIMMER)			
S115	1-771-410-21	SWITCH, TACTILE (DISPLAY)			
S116	1-771-410-21	SWITCH, TACTILE (SPEAKERS (OFF/A/B/A+B))			
S141	1-771-410-21	SWITCH, TACTILE (I/⏻)			
**********					
		SPEAKER BOARD			
		**********			
		< CONNECTOR >			
CNP851	1-785-102-11	PIN, CONNECTOR (3.96mm PITCH) 4P			
CNP852	1-691-766-11	PLUG (MICRO CONNECTOR) 4P			
		< DIODE >			
D2880	8-719-991-33	DIODE 1SS133T-77			
D2881	8-719-991-33	DIODE 1SS133T-77			
		< TRANSISTOR >			
Q2880	8-729-119-79	TRANSISTOR 2SC2785-FEK			
Q2881	8-729-119-79	TRANSISTOR 2SC2785-FEK			
		< RESISTOR >			
R2870	1-249-402-11	CARBON	56	5%	1/4W F
R2871	1-247-847-11	CARBON	4.7K	5%	1/4W
R2872	1-249-402-11	CARBON	56	5%	1/4W F
R2873	1-247-847-11	CARBON	4.7K	5%	1/4W
		< RELAY >			
RY2880	1-755-170-11	RELAY (12V)			
RY2881	1-755-170-11	RELAY (12V)			
		< TERMINAL BOARD >			
TM2880	1-694-935-12	TERMINAL BOARD (8P) (SPEAKERS FRONT A/B)			
**********					
	A-4753-077-A	STBY BOARD, COMPLETE			
		**********			
	1-533-293-11	HOLDER, FUSE			
		< CAPACITOR >			
C851	1-126-936-11	ELECT	3300uF	20%	16V
C852	1-164-159-11	CERAMIC	0.1uF		50V
C853	1-164-159-11	CERAMIC	0.1uF		50V
C861	1-164-159-11	CERAMIC	0.1uF		50V
C862	1-164-159-11	CERAMIC	0.1uF		50V
C863	1-126-941-11	ELECT	470uF	20%	25V
C864	1-126-943-11	ELECT	2200uF	20%	25V
C901	1-164-159-11	CERAMIC	0.1uF		50V
C902	1-164-159-11	CERAMIC	0.1uF		50V
C903	1-164-159-11	CERAMIC	0.1uF		50V
C921	1-164-159-11	CERAMIC	0.1uF		50V
C922	1-164-159-11	CERAMIC	0.1uF		50V
C923	1-126-959-11	ELECT	0.47uF	20%	50V
C924	1-126-936-11	ELECT	3300uF	20%	16V
C925	1-126-942-61	ELECT	1000uF	20%	25V

STBY **S-VIDEO**

Ref. No.	Part No.	Description				Remark
C926	1-164-159-11	CERAMIC	0.1uF			50V
		< CONNECTOR >				
CNP815	1-691-767-11	PLUG (MICRO CONNECTOR) 5P				
CNP901	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P				
* CNP905	1-565-792-11	PIN, CONNECTOR (3.96mm PITCH) 2P				
		< DIODE >				
D851	6-500-522-11	DIODE	10EDB40-TA2B5			
D852	6-500-522-11	DIODE	10EDB40-TA2B5			
D853	6-500-522-11	DIODE	10EDB40-TA2B5			
D854	6-500-522-11	DIODE	10EDB40-TA2B5			
D865	8-719-028-23	DIODE	D3SBA20-4101			
D911	8-719-991-33	DIODE	1SS133T-77			
D921	8-719-043-76	DIODE	AK04V0			
D922	8-719-043-76	DIODE	AK04V0			
D923	8-719-043-76	DIODE	AK04V0			
D924	8-719-043-76	DIODE	AK04V0			
D925	8-719-991-33	DIODE	1SS133T-77			
D926	8-719-991-33	DIODE	1SS133T-77			
D927	6-500-522-11	DIODE	10EDB40-TA2B5			
		< EARTH TERMINAL >				
* ETP901	1-537-738-21	TERMINAL, EARTH				
* ETP902	1-537-738-21	TERMINAL, EARTH				
		< AC OUTLET >				
⚠J911	1-251-718-11	OUTLET (2 GANG), AC (AC OUTLET)				
		< TRANSISTOR >				
Q911	8-729-119-79	TRANSISTOR	2SC2785-FEK			
Q912	8-729-119-79	TRANSISTOR	2SC2785-FEK			
Q913	8-729-140-93	TRANSISTOR	2SB733-34			
Q921	8-729-119-79	TRANSISTOR	2SC2785-FEK			
		< RESISTOR >				
⚠R851	1-240-877-11	FUSIBLE	0.15	5%	1/2W	F
⚠R861	1-219-591-11	FUSIBLE	0.1	5%	1/2W	F
⚠R862	1-219-591-11	FUSIBLE	0.1	5%	1/2W	F
⚠R901	1-219-237-11	SOLID	3.3M	20%	1/2W	F
R912	1-247-871-11	CARBON	47K	5%	1/4W	
R913	1-247-847-11	CARBON	4.7K	5%	1/4W	
R921	1-247-871-11	CARBON	47K	5%	1/4W	
R922	1-247-863-11	CARBON	22K	5%	1/4W	
R923	1-249-429-11	CARBON	10K	5%	1/4W	
R924	1-249-421-11	CARBON	2.2K	5%	1/4W	
		< RELAY >				
⚠RY911	1-755-439-11	RELAY				
		< TRANSFORMER >				
⚠T902	1-437-312-11	TRANSFORMER, POWER				

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Ref. No.	Part No.	Description				Remark
		S-VIDEO BOARD				
		**********				
		< CAPACITOR >				
C2102	1-128-817-11	CERAMIC	470PF	5%	50V	
C2103	1-128-817-11	CERAMIC	470PF	5%	50V	
C2104	1-164-159-11	CERAMIC	0.1uF		50V	
C2105	1-126-947-11	ELECT	47uF	20%	35V	
C2106	1-128-817-11	CERAMIC	470PF	5%	50V	
C2107	1-128-805-11	CERAMIC	47PF	5%	50V	
C2108	1-128-805-11	CERAMIC	47PF	5%	50V	
C2109	1-126-964-11	ELECT	10uF	20%	50V	
C2110	1-164-159-11	CERAMIC	0.1uF		50V	
C2111	1-126-964-11	ELECT	10uF	20%	50V	
C2112	1-164-159-11	CERAMIC	0.1uF		50V	
C2113	1-128-817-11	CERAMIC	470PF	5%	50V	
C2114	1-164-159-11	CERAMIC	0.1uF		50V	
C2115	1-128-805-11	CERAMIC	47PF	5%	50V	
C2116	1-128-805-11	CERAMIC	47PF	5%	50V	
C2117	1-126-964-11	ELECT	10uF	20%	50V	
C2118	1-164-159-11	CERAMIC	0.1uF		50V	
C2119	1-128-817-11	CERAMIC	470PF	5%	50V	
C2120	1-164-159-11	CERAMIC	0.1uF		50V	
C2121	1-126-947-11	ELECT	47uF	20%	35V	
C2124	1-126-947-11	ELECT	47uF	20%	35V	
C2125	1-164-159-11	CERAMIC	0.1uF		50V	
C2126	1-126-964-11	ELECT	10uF	20%	50V	
C2127	1-164-159-11	CERAMIC	0.1uF		50V	
C2128	1-164-159-11	CERAMIC	0.1uF		50V	
		< CONNECTOR >				
CNP205	1-784-921-11	PIN, CONNECTOR 4P				
CNS202	1-784-776-11	CONNECTOR, FFC 15P				
CNS204	1-784-774-11	CONNECTOR, FFC 13P				
		< DIODE >				
D2102	8-719-991-33	DIODE	1SS133T-77			
D2103	8-719-991-33	DIODE	1SS133T-77			
		< IC >				
IC2101	6-701-890-01	IC	NJM2595D			
IC2102	6-701-890-01	IC	NJM2595D			
IC2103	8-759-666-33	IC	NJM2145D			
		< JACK >				
J2102	1-563-330-31	JACK (CONTROL S STATUS OUT)				
J2103	1-563-330-31	JACK (CONTROL S STATUS IN)				
		< CONNECTOR >				
J2104	1-537-943-11	CONNECTOR (DIN) 1P (MONITOR S-VIDEO OUT)				
J2105	1-794-937-11	CONNECTOR (DIN) 2P (TV/SAT S-VIDEO IN,DVD S-VIDEO IN)				
J2106	1-794-937-11	CONNECTOR (DIN) 2P (VIDEO 1 S-VIDEO OUT/IN)				
		< RESISTOR >				
R2101	1-247-831-11	CARBON	1K	5%	1/4W	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description			Remark
R2102	1-247-831-11	CARBON	1K	5%	1/4W
R2103	1-247-804-11	CARBON	75	5%	1/4W
R2104	1-247-804-11	CARBON	75	5%	1/4W
R2105	1-247-804-11	CARBON	75	5%	1/4W
R2106	1-247-804-11	CARBON	75	5%	1/4W
R2107	1-247-804-11	CARBON	75	5%	1/4W
R2108	1-247-804-11	CARBON	75	5%	1/4W
R2109	1-247-804-11	CARBON	75	5%	1/4W
R2110	1-247-804-11	CARBON	75	5%	1/4W
R2111	1-247-804-11	CARBON	75	5%	1/4W
R2112	1-247-804-11	CARBON	75	5%	1/4W
R2113	1-247-804-11	CARBON	75	5%	1/4W
R2114	1-247-804-11	CARBON	75	5%	1/4W
R2115	1-249-429-11	CARBON	10K	5%	1/4W
R2116	1-249-429-11	CARBON	10K	5%	1/4W
**********					
		TUNING BOARD			
		**********			
		< CONNECTOR >			
* CNP102	1-764-210-11	CONNECTOR, BOARD TO BOARD 12P			
		< RESISTOR >			
R104	1-249-429-11	CARBON	10K	5%	1/4W
R105	1-247-863-11	CARBON	22K	5%	1/4W
R106	1-247-871-11	CARBON	47K	5%	1/4W
R121	1-247-831-11	CARBON	1K	5%	1/4W
R122	1-249-421-11	CARBON	2.2K	5%	1/4W
R123	1-249-421-11	CARBON	2.2K	5%	1/4W
R124	1-247-847-11	CARBON	4.7K	5%	1/4W
R125	1-249-429-11	CARBON	10K	5%	1/4W
R126	1-247-863-11	CARBON	22K	5%	1/4W
		< ROTARY ENCODER >			
RV101	1-418-817-11	ENCODER, ROTARY (MENU)			
RV105	1-418-817-11	ENCODER, ROTARY (–/+)			
		< SWITCH >			
S104	1-771-410-21	SWITCH, TACTILE (ENTER)			
S105	1-771-410-21	SWITCH, TACTILE (MAIN MENU)			
S106	1-771-410-21	SWITCH, TACTILE (MEMORY)			
S122	1-771-410-21	SWITCH, TACTILE (FM MODE)			
S123	1-771-410-21	SWITCH, TACTILE (TUNING –)			
S124	1-771-410-21	SWITCH, TACTILE (PRESET TUNING –)			
S125	1-771-410-21	SWITCH, TACTILE (PRESET TUNING +)			
S126	1-771-410-21	SWITCH, TACTILE (TUNING +)			
**********					
	A-4753-066-A	VIDEO BOARD, COMPLETE			
		**********			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
		< CAPACITOR >			
C2335	1-126-947-11	ELECT	47uF	20%	35V
C2336	1-126-947-11	ELECT	47uF	20%	35V
C2337	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C2338	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C2339	1-126-947-11	ELECT	47uF	20%	35V

Ref. No.	Part No.	Description			Remark
C2340	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C2377	1-126-947-11	ELECT	47uF	20%	35V
C2379	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3201	1-126-947-11	ELECT	47uF	20%	35V
C3202	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3205	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3206	1-126-947-11	ELECT	47uF	20%	35V
C3207	1-126-964-11	ELECT	10uF	20%	50V
C3208	1-126-964-11	ELECT	10uF	20%	50V
C3209	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C3210	1-126-964-11	ELECT	10uF	20%	50V
C3211	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C3212	1-126-964-11	ELECT	10uF	20%	50V
C3213	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C3214	1-126-964-11	ELECT	10uF	20%	50V
C3215	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C3216	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C3217	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C3218	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3255	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C3275	1-126-964-11	ELECT	10uF	20%	50V
C3276	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3277	1-126-916-11	ELECT	1000uF	20%	6.3V
C3278	1-126-933-11	ELECT	100uF	20%	16V
C3279	1-126-962-11	ELECT	3.3uF	20%	50V
C3321	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3322	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3323	1-126-964-11	ELECT	10uF	20%	50V
C3324	1-126-964-11	ELECT	10uF	20%	50V
C3325	1-126-964-11	ELECT	10uF	20%	50V
C3501	1-162-921-11	CERAMIC CHIP	33PF	5%	50V
C3502	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C3503	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3504	1-126-947-11	ELECT	47uF	20%	35V
C3505	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3506	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3507	1-126-964-11	ELECT	10uF	20%	50V
C3508	1-126-964-11	ELECT	10uF	20%	50V
C3510	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C3511	1-162-913-11	CERAMIC CHIP	8PF	0.5PF	50V
C3512	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3513	1-126-927-11	ELECT	2200uF	20%	10V
C3514	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3601	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3602	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3603	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3604	1-162-995-11	CERAMIC CHIP	0.022uF		50V
C3605	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3606	1-126-964-11	ELECT	10uF	20%	50V
C3607	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3608	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3609	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3610	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3611	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3612	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3613	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3614	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3615	1-164-156-11	CERAMIC CHIP	0.1uF		25V

VIDEO

Ref. No.	Part No.	Description			Remark
C3616	1-126-925-11	ELECT	470uF	20%	10V
C3621	1-162-917-11	CERAMIC CHIP	15PF	5%	50V
C3622	1-104-665-11	ELECT	100uF	20%	25V
C3623	1-126-964-11	ELECT	10uF	20%	50V
C3631	1-162-917-11	CERAMIC CHIP	15PF	5%	50V
C3632	1-136-153-00	MYLAR	0.01uF	5%	50V
C3633	1-136-165-00	MYLAR	0.1uF	5%	50V
C3641	1-126-963-11	ELECT	4.7uF	20%	50V
C3643	1-126-963-11	ELECT	4.7uF	20%	50V
C3644	1-126-965-11	ELECT	22uF	20%	50V
C3645	1-126-933-11	ELECT	100uF	20%	16V
C3646	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3647	1-126-964-11	ELECT	10uF	20%	50V
C3648	1-164-160-11	CERAMIC CHIP	20PF	5%	50V
C3651	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C3652	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C3653	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3671	1-126-963-11	ELECT	4.7uF	20%	50V
C3672	1-126-933-11	ELECT	100uF	20%	16V
C3673	1-126-963-11	ELECT	4.7uF	20%	50V
C3674	1-126-965-11	ELECT	22uF	20%	50V
C3675	1-126-925-11	ELECT	470uF	20%	10V
C3676	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3701	1-126-960-11	ELECT	1uF	20%	50V
C3702	1-126-960-11	ELECT	1uF	20%	50V
C3707	1-162-917-11	CERAMIC CHIP	15PF	5%	50V
C3709	1-126-959-11	ELECT	0.47uF	20%	50V
C3710	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C3711	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3712	1-126-941-11	ELECT	470uF	20%	25V
C3713	1-126-959-11	ELECT	0.47uF	20%	50V
C3714	1-126-960-11	ELECT	1uF	20%	50V
C3715	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C3717	1-126-959-11	ELECT	0.47uF	20%	50V
C3718	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3719	1-126-960-11	ELECT	1uF	20%	50V
C3720	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3731	1-126-962-11	ELECT	3.3uF	20%	50V
C3732	1-126-933-11	ELECT	100uF	20%	16V
C3733	1-126-916-11	ELECT	1000uF	20%	6.3V
C3734	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3741	1-126-963-11	ELECT	4.7uF	20%	50V
C3743	1-126-963-11	ELECT	4.7uF	20%	50V
C3744	1-126-965-11	ELECT	22uF	20%	50V
C3745	1-126-933-11	ELECT	100uF	20%	16V
C3746	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3751	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3752	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C3753	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C3818	1-126-933-11	ELECT	100uF	20%	16V
		< CONNECTOR >			
CNP207	1-779-977-11	PIN, CONNECTOR 6P			
CNP210	1-779-799-11	PIN, CONNECTOR 9P			
CNS201	1-784-776-11	CONNECTOR, FFC 15P			
		< TRIMMER CAPACITOR >			
CT3501	1-141-442-91	CAP, CERAMIC TRIMMER 20PF			
CT3502	1-141-442-91	CAP, CERAMIC TRIMMER 20PF			
		< DIODE >			
D3201	8-719-988-61	DIODE 1SS355TE-17			
D3202	8-719-988-61	DIODE 1SS355TE-17			
D3253	8-719-988-61	DIODE 1SS355TE-17			
D3254	8-719-988-61	DIODE 1SS355TE-17			
D3301	8-719-988-61	DIODE 1SS355TE-17			
D3302	8-719-988-61	DIODE 1SS355TE-17			
D3731	8-719-988-61	DIODE 1SS355TE-17			
D3732	8-719-988-61	DIODE 1SS355TE-17			
		< FERRITE BEAD >			
FB3252	1-414-235-22	INDUCTOR, FERRITE BEAD			
FB3501	1-414-235-22	INDUCTOR, FERRITE BEAD			
FB3601	1-414-235-22	INDUCTOR, FERRITE BEAD			
FB3602	1-414-235-22	INDUCTOR, FERRITE BEAD			
FB3603	1-414-235-22	INDUCTOR, FERRITE BEAD			
FB3701	1-414-235-22	INDUCTOR, FERRITE BEAD			
FB3703	1-414-235-22	INDUCTOR, FERRITE BEAD			
		< LPF >			
FL3621	1-239-847-11	FILTER, LOW PASS			
FL3631	1-239-847-11	FILTER, LOW PASS			
		< IC >			
IC3101	8-759-231-58	IC TA7812S			
IC3102	8-759-701-59	IC NJM78M09FA			
IC3103	8-759-231-53	IC TA7805S			
IC3104	8-759-245-79	IC TA79005S			
IC3201	6-704-199-01	IC NJM2595M-TE2			
IC3253	8-759-822-05	IC LA7213			
IC3321	8-759-663-94	IC LA7106M-TLM			
IC3501	6-700-367-01	IC MB90089PF-G-238-BND			
IC3601	8-752-386-17	IC CXD2064Q			
IC3641	8-759-177-02	IC NJM2267M(TE2)			
IC3651	8-759-671-94	IC MC74HC4053AFEL			
IC3671	8-759-429-17	IC NJM2268V(TE2)			
IC3701	8-752-109-74	IC CXA2199Q			
IC3731	8-759-822-05	IC LA7213			
IC3741	8-759-429-17	IC NJM2268V(TE2)			
IC3751	8-759-671-94	IC MC74HC4053AFEL			
		< JACK >			
J2305	1-563-330-11	JACK (CTRL A1 II)			
J3101	1-695-317-11	JACK, PIN 2P (TV/SAT VIDEO IN,DVD VIDEO IN)			
J3102	1-695-317-11	JACK, PIN 2P (VIDEO 2 VIDEO OUT/IN)			
J3103	1-770-337-11	JACK, PIN 3P (VIDEO 1 VIDEO OUT/IN, MONITOR VIDEO OUT)			
J3104	1-816-592-11	JACK, PIN 9P (COMPONENT VIDEO TV/SAT IN,DVD IN,MONITOR OUT)			
		< JUMPER RESISTOR >			
JR2330	1-216-864-11	SHORT CHIP 0			

Ref. No.	Part No.	Description			Remark
		< COIL >			
L3501	1-410-385-11	INDUCTOR	22uH		
		< TRANSISTOR >			
Q3252	1-801-806-11	TRANSISTOR	DTC144EKA		
Q3301	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3302	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3304	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3501	8-729-140-97	TRANSISTOR	2SB734-34		
Q3502	8-729-027-43	TRANSISTOR	DTC114EKA-T146		
Q3503	8-729-216-22	TRANSISTOR	2SA1162-G		
Q3621	8-729-216-22	TRANSISTOR	2SA1162-G		
Q3622	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3631	8-729-216-22	TRANSISTOR	2SA1162-G		
Q3632	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3641	8-729-216-22	TRANSISTOR	2SA1162-G		
Q3701	8-729-216-22	TRANSISTOR	2SA1162-G		
Q3731	1-801-806-11	TRANSISTOR	DTC144EKA		
		< RESISTOR >			
R3201	1-216-809-11	METAL CHIP	100	5%	1/10W
R3202	1-216-809-11	METAL CHIP	100	5%	1/10W
R3203	1-216-809-11	METAL CHIP	100	5%	1/10W
R3204	1-216-809-11	METAL CHIP	100	5%	1/10W
R3207	1-218-285-11	METAL CHIP	75	5%	1/10W
R3208	1-218-285-11	METAL CHIP	75	5%	1/10W
R3209	1-218-285-11	METAL CHIP	75	5%	1/10W
R3210	1-218-285-11	METAL CHIP	75	5%	1/10W
R3211	1-218-285-11	METAL CHIP	75	5%	1/10W
R3212	1-218-285-11	METAL CHIP	75	5%	1/10W
R3213	1-218-285-11	METAL CHIP	75	5%	1/10W
R3214	1-218-285-11	METAL CHIP	75	5%	1/10W
R3275	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3276	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3277	1-216-847-11	METAL CHIP	150K	5%	1/10W
R3278	1-216-815-11	METAL CHIP	330	5%	1/10W
R3301	1-218-285-11	METAL CHIP	75	5%	1/10W
R3302	1-218-285-11	METAL CHIP	75	5%	1/10W
R3303	1-218-285-11	METAL CHIP	75	5%	1/10W
R3304	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3305	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3306	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3307	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3315	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3316	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3321	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3322	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3323	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3501	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3502	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3503	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3504	1-216-809-11	METAL CHIP	100	5%	1/10W
R3505	1-216-809-11	METAL CHIP	100	5%	1/10W
R3506	1-216-809-11	METAL CHIP	100	5%	1/10W
R3507	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3508	1-216-814-11	METAL CHIP	270	5%	1/10W
R3513	1-216-817-11	METAL CHIP	470	5%	1/10W
R3514	1-216-817-11	METAL CHIP	470	5%	1/10W
R3515	1-216-817-11	METAL CHIP	470	5%	1/10W
R3603	1-216-842-11	METAL CHIP	56K	5%	1/10W
R3604	1-216-818-11	METAL CHIP	560	5%	1/10W
R3605	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R3606	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3607	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R3621	1-216-811-11	METAL CHIP	150	5%	1/10W
R3622	1-216-809-11	METAL CHIP	100	5%	1/10W
R3623	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3624	1-216-818-11	METAL CHIP	560	5%	1/10W
R3625	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R3626	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3627	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3628	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3629	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3630	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3631	1-216-811-11	METAL CHIP	150	5%	1/10W
R3632	1-216-809-11	METAL CHIP	100	5%	1/10W
R3633	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3634	1-216-818-11	METAL CHIP	560	5%	1/10W
R3635	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R3636	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3637	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3638	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3641	1-216-857-11	METAL CHIP	1M	5%	1/10W
R3642	1-216-857-11	METAL CHIP	1M	5%	1/10W
R3643	1-216-815-11	METAL CHIP	330	5%	1/10W
R3644	1-216-820-11	METAL CHIP	820	5%	1/10W
R3645	1-216-813-11	METAL CHIP	220	5%	1/10W
R3646	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3647	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3648	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R3649	1-216-809-11	METAL CHIP	100	5%	1/10W
R3651	1-216-809-11	METAL CHIP	100	5%	1/10W
R3671	1-216-857-11	METAL CHIP	1M	5%	1/10W
R3672	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3673	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3701	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R3703	1-216-835-11	METAL CHIP	15K	5%	1/10W
R3704	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3705	1-216-809-11	METAL CHIP	100	5%	1/10W
R3706	1-216-809-11	METAL CHIP	100	5%	1/10W
R3707	1-216-809-11	METAL CHIP	100	5%	1/10W
R3708	1-216-813-11	METAL CHIP	220	5%	1/10W
R3709	1-216-851-11	METAL CHIP	330K	5%	1/10W
R3710	1-216-815-11	METAL CHIP	330	5%	1/10W
R3711	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R3712	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3713	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3714	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R3717	1-216-848-11	METAL CHIP	180K	5%	1/10W
R3731	1-216-815-11	METAL CHIP	330	5%	1/10W
R3732	1-216-847-11	METAL CHIP	150K	5%	1/10W
R3733	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3734	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3735	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3741	1-216-857-11	METAL CHIP	1M	5%	1/10W

VIDEO | VIDEO (AU) | VOLUME

Ref. No.	Part No.	Description			Remark
R3801	1-218-285-11	METAL CHIP	75	5%	1/10W
R3802	1-218-285-11	METAL CHIP	75	5%	1/10W
R3803	1-218-285-11	METAL CHIP	75	5%	1/10W
R3804	1-218-285-11	METAL CHIP	75	5%	1/10W
R3805	1-218-285-11	METAL CHIP	75	5%	1/10W
R3806	1-218-285-11	METAL CHIP	75	5%	1/10W
		< RELAY >			
RY3301	1-755-184-11	RELAY			
RY3302	1-755-184-11	RELAY			
RY3303	1-755-184-11	RELAY			
RY3304	1-755-184-11	RELAY			
		< CONNECTOR >			
TP3501	1-784-921-11	PIN, CONNECTOR 4P			
		< VIBRATOR >			
X3501	1-781-821-21	VIBRATOR, CRYSTAL (14.31MHz)			
X3701	1-781-342-21	OSCILLATOR, CRYSTAL (3.5795MHz)			
X3703	1-577-611-11	OSCILALTOR, CERAMIC (500kHz)			
**********					
		VIDEO (AU) BOARD			
		**********			
		< CAPACITOR >			
C2552	1-164-159-11	CERAMIC	0.1uF		50V
C2553	1-164-159-11	CERAMIC	0.1uF		50V
C2554	1-126-964-11	ELECT	10uF	20%	50V
C2555	1-126-964-11	ELECT	10uF	20%	50V
C2556	1-126-964-11	ELECT	10uF	20%	50V
C2557	1-126-964-11	ELECT	10uF	20%	50V
C2558	1-164-159-11	CERAMIC	0.1uF		50V
C2559	1-164-159-11	CERAMIC	0.1uF		50V
C2560	1-126-964-11	ELECT	10uF	20%	50V
C2561	1-126-964-11	ELECT	10uF	20%	50V
C2562	1-128-809-11	CERAMIC	100PF	5%	50V
C2563	1-128-809-11	CERAMIC	100PF	5%	50V
C2564	1-128-809-11	CERAMIC	100PF	5%	50V
C2565	1-126-964-11	ELECT	10uF	20%	50V
C2566	1-126-964-11	ELECT	10uF	20%	50V
		< CONNECTOR >			
CNP208	1-784-930-11	PIN, CONNECTOR 15P			
CNP209	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
		< IC >			
IC2560	8-759-712-73	IC TC9273N-006			
		< JACK >			
J2551	1-774-785-11	JACK, PIN 1P (PRE OUT SUB WOOFER)			
J2552	1-774-411-11	JACK, PIN 6P (TV/SAT AUDIO IN,DVD AUDIO IN,VIDEO 2 AUDIO OUT)			
J2553	1-774-411-11	JACK, PIN 6P (VIDEO 2 AUDIO IN, VIDEO 1 AUDIO OUT/IN)			
		< RESISTOR >			
R2551	1-259-428-61	CARBON	1K	5%	1/6W

Ref. No.	Part No.	Description			Remark
R2552	1-259-428-61	CARBON	1K	5%	1/6W
R2553	1-259-428-61	CARBON	1K	5%	1/6W
R2554	1-259-428-61	CARBON	1K	5%	1/6W
R2559	1-259-428-61	CARBON	1K	5%	1/6W
R2560	1-259-428-61	CARBON	1K	5%	1/6W
R2561	1-259-468-61	CARBON	47K	5%	1/6W
R2562	1-259-468-61	CARBON	47K	5%	1/6W
R2563	1-259-428-61	CARBON	1K	5%	1/6W
R2564	1-259-428-61	CARBON	1K	5%	1/6W
R2565	1-259-428-61	CARBON	1K	5%	1/6W
R2568	1-259-428-61	CARBON	1K	5%	1/6W
R2569	1-259-428-61	CARBON	1K	5%	1/6W
R2570	1-259-428-61	CARBON	1K	5%	1/6W
R2571	1-259-468-61	CARBON	47K	5%	1/6W
R2572	1-259-468-61	CARBON	47K	5%	1/6W
R2575	1-259-428-61	CARBON	1K	5%	1/6W
R2576	1-259-428-61	CARBON	1K	5%	1/6W
R2577	1-259-428-61	CARBON	1K	5%	1/6W
R2578	1-259-428-61	CARBON	1K	5%	1/6W
R2579	1-259-428-61	CARBON	1K	5%	1/6W
R2580	1-259-428-61	CARBON	1K	5%	1/6W
R2581	1-259-468-61	CARBON	47K	5%	1/6W
**********					
		VOLUME BOARD			
		**********			
		< CAPACITOR >			
C127	1-127-880-11	CERAMIC	0.022uF	10%	50V
		< ROTARY ENCODER >			
RV103	1-418-725-41	ENCODER, ROTARY (12 TYPE) (MASTER VOLUME)			
**********					

Ref. No.	Part No.	Description	Remark
		MISCELLANEOUS	
		**********	
58	1-773-331-11	WIRE (FLAT TYPE) (31 CORE)	
102	1-769-937-11	WIRE (FLAT TYPE) (11 CORE)	
103	1-769-970-11	WIRE (FLAT TYPE) (13 CORE)	
104	1-773-001-11	WIRE (FLAT TYPE) (15 CORE)	
⚠106	1-783-820-11	CORD, POWER	
⚠F901	1-576-193-11	FUSE (6.3A/125V)	
⚠F902	1-533-453-12	FUSE, GLASS TUBE (DIA.5) (5A/125V)	
Q423	8-729-051-92	TRANSISTOR 2SD2560	
Q424	8-729-051-93	TRANSISTOR 2SB1647	
Q473	8-729-051-92	TRANSISTOR 2SD2560	
Q474	8-729-051-93	TRANSISTOR 2SB1647	
Q523	8-729-051-92	TRANSISTOR 2SD2560	
Q524	8-729-051-93	TRANSISTOR 2SB1647	
Q573	8-729-051-92	TRANSISTOR 2SD2560	
Q574	8-729-051-93	TRANSISTOR 2SB1647	
Q623	8-729-051-92	TRANSISTOR 2SD2560	
Q624	8-729-051-93	TRANSISTOR 2SB1647	
Q673	8-729-051-92	TRANSISTOR 2SD2560	
Q674	8-729-051-93	TRANSISTOR 2SB1647	
Q723	8-729-051-92	TRANSISTOR 2SD2560	
Q724	8-729-051-93	TRANSISTOR 2SB1647	
⚠T901	1-443-265-11	TRANSFORMER, POWER	
TN1	1-693-577-13	TUNER PACK (ANTENNA)	
**********			
		ACCESSORIES	
		**********	
	1-477-843-21	COMMANDER, STANDARD (RM-LG113)	
	1-501-374-12	ANTENNA, LOOP (AM)	
	1-793-184-23	CONNECTOR (F TYPE ADAPTOR) (FM)	
	3-071-119-01	COVER, BATTERY (for RM-LG113)	
	4-255-361-11	MANUAL, INSTRUCTION (ENGLISH)	
	4-255-361-21	MANUAL, INSTRUCTION (FRENCH) (CND)	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

REVISION HISTORY

Clicking the version allows you to jump to the revised page.
Also, clicking the version at the upper on the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision
1.0	2004. 07	New
1.1	2004. 10	KNOB (FUNC) and KNOB (MENU) addition. End of the part number of 8-729-042-29 is changed to -09. (SPM-04105, SPM-04106)